

## **May 30, 2015 Daily Report**

### ***(Presenting May 29 Progress and Plans Forward)***

#### **Refugio Incident**

This daily report addresses elements listed in the *Order for Removal, Mitigation or Prevention of a Substantial Threat of Oil Discharge*. The elements include descriptions of 1) significant developments, 2) work performed, 3) analytical data received, 4) treatment and disposal information, 5) schedule of work, and 6) anticipated problems and planned resolutions. The following attachments contain detailed information pertaining to each listed element:

- **Executive Summary** (describing prior day, May 29)
  - Significant Developments
  - Work Performed
  - Disposal Information
- **CTEH Summary of Environmental Sampling Efforts** (May 29)
  - Analytical Data Received to Date
- **Incident Action Plan** (Effective May 30 07:00 – May 30 06:59)
  - Schedule of Work to be Performed (Form 204)
- **Incident Objectives Form 202** (Effective May 30 06:00 – June 1 05:59)
  - Anticipated problems and planned resolutions

Incident Command Post Santa Barbara  
Refugio Oil Spill  
*Unified In All Missions*  
Status as of:  
29 May 2015 / 1816  
[www.refugioresponse.com](http://www.refugioresponse.com)

### **Executive Summary**

Incident Command Post (ICP) Santa Barbara continues to operate out of the Santa Barbara Emergency Operations Center located in Santa Barbara, CA. The Unified Command is comprised of representatives of the U. S. Coast Guard, the U. S. Environmental Protection Agency, California Department of Fish and Wildlife, Santa Barbara County Office of Emergency Management and Plains All American Pipeline. The ICP is currently overseeing operations in Santa Barbara County from Gaviota to Coal Oil Point, 29.48 miles of shoreline, 30 miles of offshore and inland where the response originated. Staging Areas are located at Refugio State Beach, El Capitan East and El Capitan West. Plains All American estimates that the maximum potential release is 101,000 gallons spilled.

The FOSC and the EPA OSC issued and cosigned an administrative order on 27<sup>th</sup> May 2015 to the responsible party for the removal, mitigation, or prevention of a substantial threat of oil discharge was to the responsible party.

Tar ball sightings have been observed on Ventura, Los Angeles, and Orange County beaches. A separate Incident Command Post has been established in the South Bay of Los Angeles County to respond to the pollution. Samples have been collected at all sites and will be fingerprinted to determine if there is any correlation to the Refugio Beach Incident.

### **Current Impacts**

- The majority of oiling is located on beaches, cobble, riprap, and on rock faces between Arroyo Hondo and El Capitan Beach. Light oiling has been discovered as far as Arroyo Burro (east) and 2 miles west of Arroyo Hondo (west). These areas have been targeted for manual removal as needed.
- Winds and currents have spread offshore and the leading edge eastward. Oil escaping the near shore zone is being collected by oil recovery vessels.
- Oiled areas onshore threaten sensitive and endangered species habitat areas.

### **Potential Impacts**

- As free-floating oil progressed east, Coal Oil Point, Haskell Beach, Bacara (a 5 star resort) and Goleta Beach were oiled, however it has yet to be verified whether light oiling is from natural seepage or the current discharge. Coal Oil Point is a sensitive habitat for Plovers; Goleta Beach is a popular swimming and water sports location.
- All sensitive areas have been boomed off down to Devereaux slough which has a natural berm for exclusion.
- The pipeline was secured on 19 May 2015. The remaining oil had a potential for further oiling of beaches/wildlife and was mitigated on 20 May 2015. It was estimated the most significant impacts had likely already occurred.



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**Response Efforts**

Waste Management		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	15	390
Oiled Vegetation	30	300
Oiled Debris/PPE	0	135
Oiled Soil	396	3,348
Absorbent	0	15

\*Numbers reflect new utilization of waste management coordinator

- Onshore:
  - Task forces conducted manual removal of oil waste.
  - The removed section of the pipeline was transported off-site.
  - Contractors have identified a band of oil in the sand adjacent to the former compromised section of pipeline. Workers are excavating to trace the leading edge of the oil band.
  - Using hand tools, contractors removed oiled soil near the culvert on the southwest side of the railroad tracks.
- Shoreline:
  - 4 SCAT teams have reported oil on beaches 2 miles west of Arroyo Hondo and east to Arroyo Burro. Mostly moderate oiling with the majority of areas being under 30% coverage.
  - Clean-up crews worked from Arroyo Quemado to Coal Oil Point.
  - Two Hot Shot clean-up crews were dispatched to San Buena Ventura and Marina Park Beach in response to reports.
- On Water:
  - Oil recovery vessels conducted offshore skimming of free floating oil.
  - The assigned 18 vessels and 01 barge continued booming (with both hard and sorbent boom) and skimming operations. 700 gallons of oily water mixture was collected today bringing the cumulative total to 11,600 gallons.
  - The on water recovery group deployed 6000 ft of hard and sorbent boom
  - Oil was observed from scheduled NOAA over flights. The area is prone to natural oil seepage and the environmental unit is assessing possible sources and distinction of natural seepage versus oil spilled from this response.
  - CA Fish and Wildlife P/B Swordfish remains on scene to enforce fishery closure.

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### Impact Measurements

	TOTAL Birds			TOTAL Mammals		
Date	Live	Dead	Date Totals	Live	Dead	Date Totals
29-May-15	5	0	5	2	0	2
Cumulative Total	46	22	68	30	14	44

	Shoreline Oiling Categories(miles and %) - Refugio Incident															
Most Recent Survey Date	Heavy		Moderate		Light		Very Light		Tar balls (<1%)		No Oil Obs.		Background		Total Oiled Shoreline	Total Surveyed Shoreline
5/28/2015	2.54	6.8%	12.76	34.1%	11.11	29.7%	1.48	4.0%	1.58	4.2%	2.72	7.3%	5.25	14.0%	29.48	37.45

- Approximately 37.45 miles of shoreline was assessed, of that 2.54 miles was heavily impacted, 12.76 miles was moderately impacted, 11.11 miles was lightly impacted, 1.48 miles was very lightly impacted, 1.58 miles was reported with tar balls, and 2.72 miles was identified with no impact. The total miles of impacted shoreline to date is 29.48 miles.
- Affected beaches border Refugio and Coal Oil Point. Campgrounds in these areas have been and remain closed, campers were evacuated. The state beaches are closed until further notice for Refugio and El Capitan beaches.
- A 23 mile by 7 mile area offshore has been closed to fishing. There is a 1000 feet temporary flight restriction within a 5 mile radius of Refugio Beach until June 6th 2015. An internal incident flight restriction has been put in affect ½ mile or an altitude of 500ft in the vicinity of Coal Oil Point to protect Snowy Plover habitat.

### Weather

- Today's weather conditions were overcast throughout the morning and mostly sunny after noon with a high in the 60s, with winds light throughout the morning increasing to 10-12 mph gusts in the evening.
- Tomorrow, winds will be light and variable throughout the morning and increasing in the afternoon to 6-9 mph. Low clouds and patchy fog in the morning then becoming mostly sunny.
- Outlook through next week – no significant weather is expected.

### External Affairs

- Unified Command continues to interact with the media through press briefings at 1500 each day. The Joint Information Center remains fully engaged.

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**Tribal and Elected Officials**

- Chumash tribal members continue to be involved / consulted with response providing cultural and archeological guidance and oversight as needed.
- Contacted reps from Ventura County Board of Supervisors regarding oiling in Ventura County beaches. Continued communications with Senators Boxer and Feinstein staff along with Rep. Ted Lieu regarding LA County/South Bay beach oiling and possible implications with Refugio Response.

**Safety / Security**

- Extra security has been hired for the Incident Command Post

**Personnel Involved**

- 1124 are engaged in Field Operations.
- 290 personnel checked into the ICP.

## Refugio Incident

### Summary of CTEH® Environmental Sampling Efforts

#### May 29, 2015

As part of response efforts, CTEH® began collecting product and environmental samples, i.e., water, soil and/or sediment, on May 20, 2015. This environmental sampling has been conducted under a Unified Command-approved sampling plan. This report contains environmental sampling efforts completed to date by CTEH® in support of Refugio Incident Response Efforts. **Table 1**, below, provides a sample count for each type of environmental media collected by CTEH®. **Table 2** provides a summary of TPH<sup>1</sup> data reported in water samples to date. Maps of environmental sampling locations are provided as attachments.

**Table 1: Environmental Preliminary Sample Summary**  
**05/20/2015– 05/28/2015**

Media	Matrix	Sample Count
Water	Surface Water	64
	Water Column	22
Sediment	Beach Sediment <sup>2</sup>	18
	Ocean Sediment <sup>3</sup>	6
Soil	Backfill Soil	6
Petroleum	Product/Tar Ball Sample	16

<sup>2</sup> Beach sediment samples are collected from both the intertidal zone and on dry sand above the intertidal zone.

<sup>3</sup> Ocean sediment samples were collected at the same location as the water column samples.

**Table 2: TPH<sup>1</sup> Preliminary Data Summary<sup>4</sup>**  
**05/20/2015– 05/28/2015**

	Location	Highest Detection		Most Recent TPH Result Received	
		Date	TPH (mg/L)	Date	TPH (mg/L)
Water Column	D001-S	5/24/2015	0.065	5/26/2015	ND
	D001-M	5/22/2015	0.1	5/26/2015	ND
	D001-D	5/26/2015	0.053	5/26/2015	0.053
Surface Water	SW01	5/26/2015	11.9	5/26/2015	11.9
	SW02	5/21/2015	697.111	5/26/2015	0.41
	SW03	5/26/2015	4.9	5/26/2015	4.9
	SW04	5/21/2015	5.5	5/26/2015	3.36
	SW05	5/25/2015	21.9	5/25/2015	21.9
	SW09	5/25/2015	1.2	5/26/2015	ND
	SW10	5/21/2015	1.89	5/21/2015	1.89
	SW11	5/22/2015	1.96	5/26/2015	ND
	SW12	5/26/2015	0.053	5/26/2015	0.053

<sup>4</sup> The data presented within the table is considered preliminary and has not completed the complete QA/QC process.

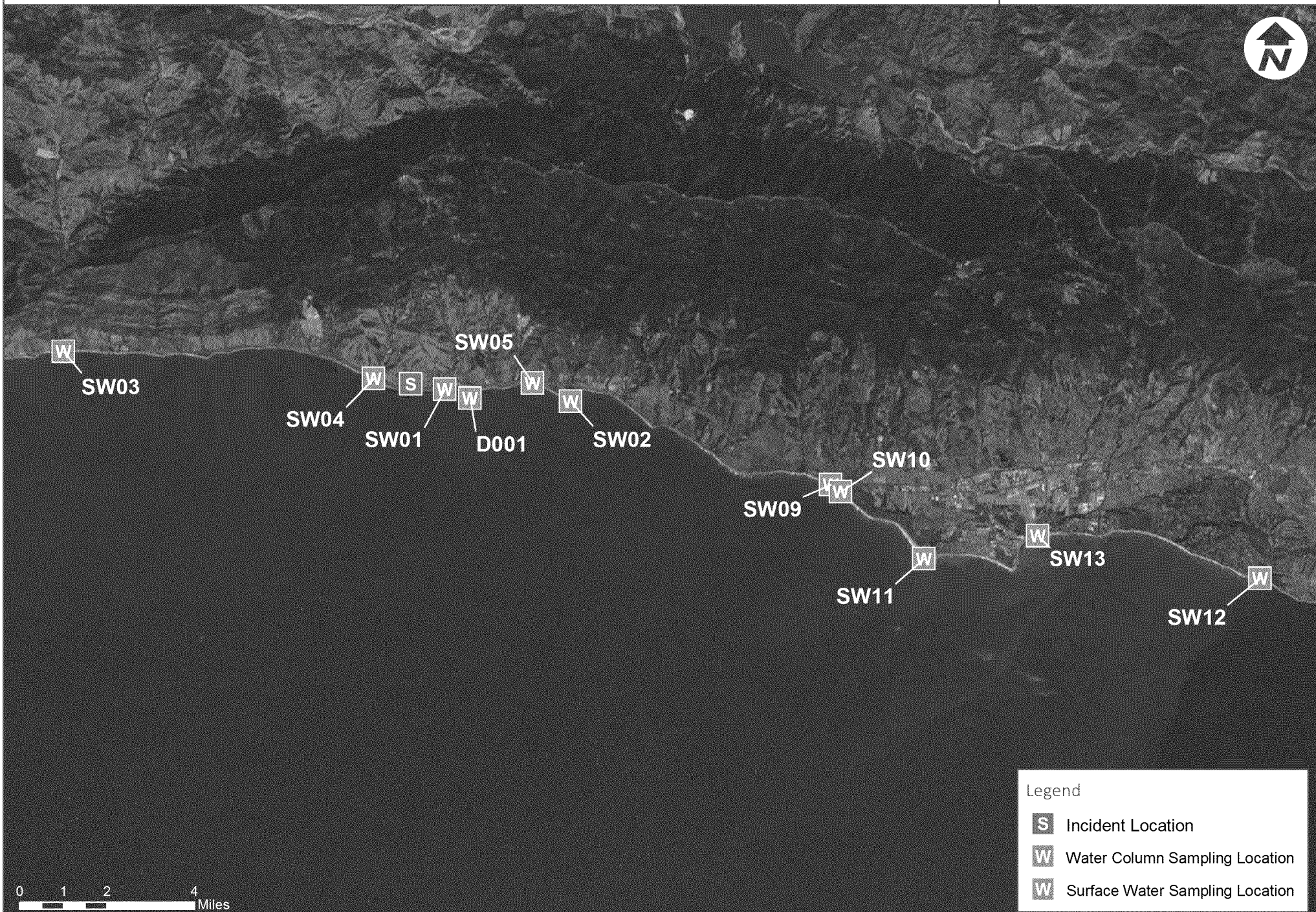
<sup>1</sup> For the purposes of this report, TPH represents a summation of TPH-Oil Range Organics (ORO), TPH-Diesel Range Organics (DRO), and TPH-Gasoline Range Organics (GRO).



# Water Sampling Locations

Refugio Incident | May 23, 2015 to May 28, 2015

Project: 107292  
Client: Plains All American Pipeline  
City: Gaviota, CA  
County: Santa Barbara



Legend

- S** Incident Location
- W** Water Column Sampling Location
- W** Surface Water Sampling Location

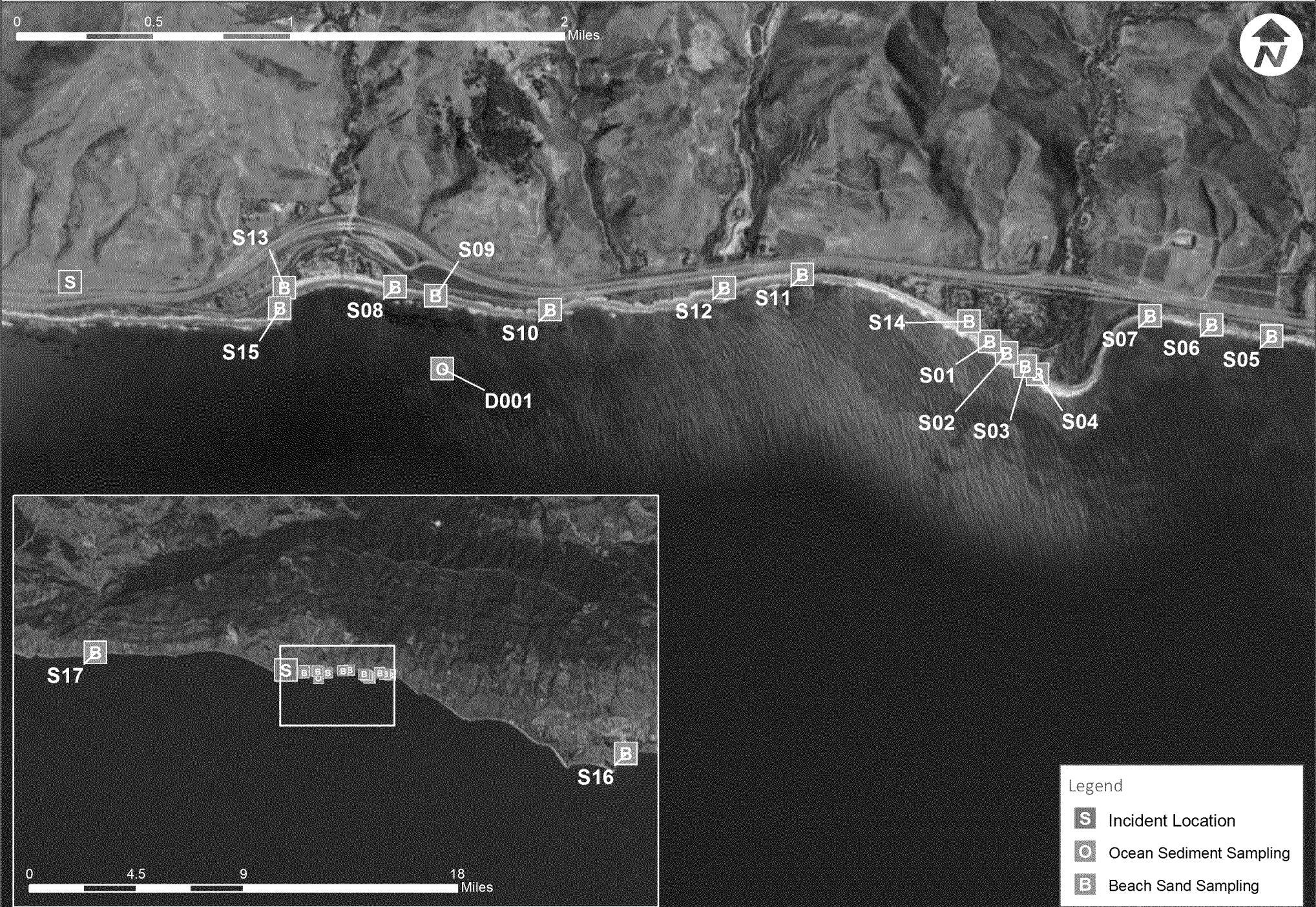




# Sediment/Sand Sampling Locations

Refugio Incident | May 20, 2015 to May 28, 2015

Project: 107292  
Client: Plains All American Pipeline  
City: Gaviota, CA  
County: Santa Barbara



ORIGINAL

1. Incident Name Refugio Incident	2. Operational Period to be covered by IAP (Date/Time) From 05/30/2015 07:00 To 06/01/2015 06:59	Operational Period Ops Period 10	CG IAP COVER SHEET
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3. Approved by

ORG

USCG

U.S. EPA

CAL DFW

Plains

SBCOEM

Name

Captain J. Williams

S. Calanog

S-Mee-T. AJARI

P. Hodgins

E. Arndt

## INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

☒ ICS 202-OS (Response Objectives)

☒ ICS 203-OS (Organization List) - or - ICS 207-OS (Organization Chart)

☒ ICS 204-CGs (Assignment Lists) One Copy each of any ICS 204-CG attachments

☒ ICS 205-CG (Communications Plan)

☒ ICS 206-CG (Medical Plan)

☐ ICS 208-CG (Site Safety Plan) or Note SSP Location Located at CP and Staging Areas

☒ Map/Chart

☒ Weather forecast/Tides/Currents

Other Attachments

☐ ICS 232A

☐ ICS 220

Incident Picture



4. Prepared by

Dan Sobieski

Date / Time

05/29/2015 18:00

CG IAP COVER SHEET

05/29/2015 19:14

(Rev. 4/04)

Generated by Witt O'Brien's

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ORIGINAL

<b>1. Incident Name</b> Refugio Incident	<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59	<b>Operational Period</b> Ops Period 10	<b>INCIDENT BRIEFING</b> ICS 202-CG
<b>3. Objective(s)</b> Ensure the safety of response personnel and the public. Continue to evaluate the oil impacts a. At release site b. Between pipe and beach c. Beach cleanup d. Evaluate SCAT Continue to prevent migration of oil from release site to shoreline Continue to recover discharged oil from impacted areas, both public and private, and manage waste according to plan. Continue to ID and protect environmentally sensitive areas Continue to protect culturally sensitive areas including wildlife. Keep public and stakeholders informed Minimize economic impacts Repair pipeline safely Provide for the recovery and care of oiled wildlife. Differentiate incident oil from other reports of oil.			
<b>4. Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)</b> Limitations and Constraints Tides Access to beach Location Weather System Permitting with the county and other authorities Cultural Considerations Nesting season Hotel accommodations Protection of Critical Infrastructure <b>Ensure continuity of Incident Command Post Operations</b> All response related media releases require Unified Command approval Keep Unified Command aware of VIP request Immediately report any injuries, public or responders, to the Unified Command Priorities Safety Security - <b>Maintain Situational Awareness</b> Wildlife impacts - Notify Unified Command Discharge quantities Recovered quantities Beach open Source control Protect cultural resources Public information dissemination Establish and implement Cleanup End points - Environmental Unit Changes in impacted beaches require that Santa Barbara County Public Health, Dr. Wada, be notified. Ensure all operations are conducted in accordance with the approved plan.			
<b>INCIDENT OBJECTIVES</b>			



Keep the Unified Command informed of volunteer needs.

Keep the Unified Command informed on onshore cleanup activities and document the same with a visual (map).

Approved Site Safety Plan Located at the SBCOEM with the Safety Officer

Prepared by (Operations Section Chief)

sbrowne

*ms*

Date/Time

05/29/2015 12:09

INCIDENT OBJECTIVES

05/29/2015 18:34

ICS 202-CG (Rev 4/04)

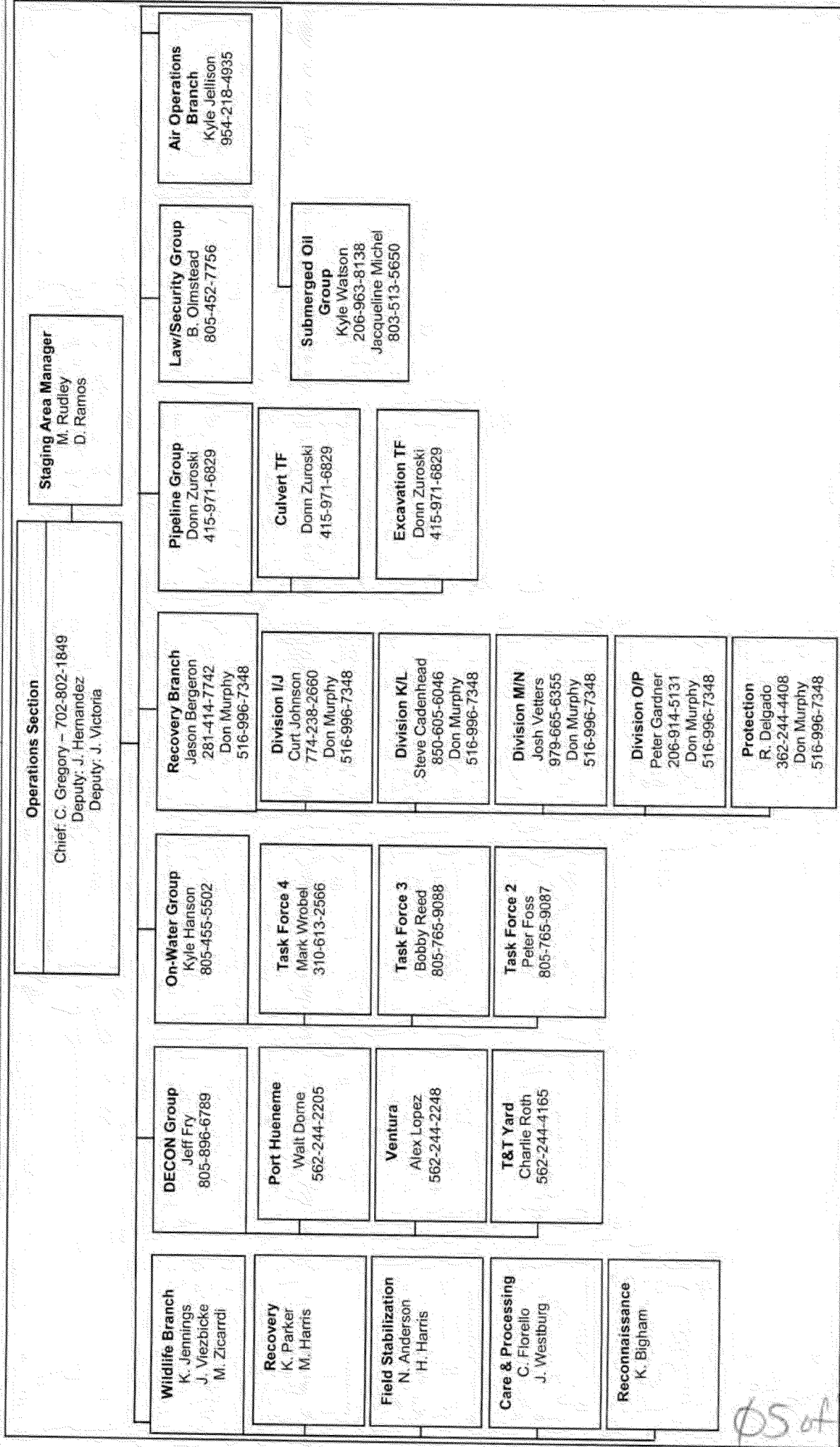
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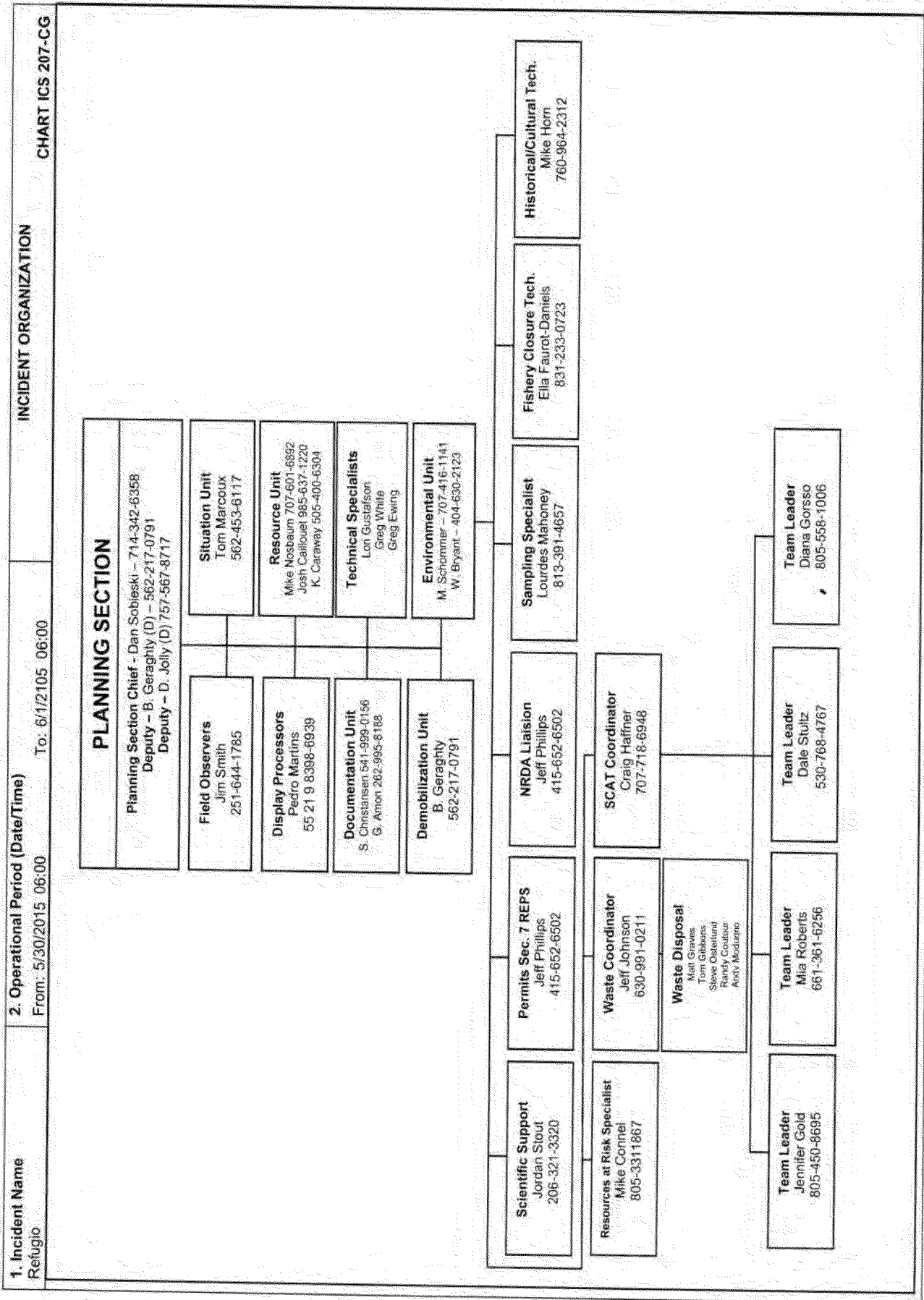
1. Incident Name		2. Operational Period (Date/Time)		INCIDENT ORGANIZATION		CHART ICS 207-CG	
Refugio		From: 5/30/2015 06:00 To: 6/01/2105 06:00					
<div> <div> <b>SB OEM:</b>  R. Rockabrand 805-330-5080  M. Dyer 805-681-5526  R. Troy 805-681-5524  D. Patterson 805-696-1191 </div> <div> <b>INCIDENT COMMAND</b>  <b>FOSC:</b> USCG, Capt. J. Williams  310-707-7381  <b>FOSC:</b> US EPA, S. Calanog 415-595-8350  <b>SOSC:</b> CDFW, Todd Ajari  707-322-4300  <b>LOSC:</b> SB OEM, E. Arndt-805-681-5524  <i>R. Rockabrand/D. Patterson</i>  <b>RPIC:</b> Patrick Hodgins 281-467-3658  <b>DRPIC:</b> Tom Haug 562-217-3511 </div> </div>				<div> <div> <b>PUBLIC INFORMATION OFFICER</b>  Alexia Retallack 916-952-3317  <b>SAFETY OFFICER</b>  Jerry Green 932-638-3172  <b>LIAISON OFFICER</b>  G. Gregory 714-642-3496  <b>SECURITY OFFICER</b>  Ken Houston 405-250-1882  <b>TECHNICAL SPECIALIST</b>  US DOT, Ed Murphy  202-734-9122 </div> <div> <b>INVESTIGATORS</b>  <b>OSPR,</b>  J. Victoria  310-413-6533  <b>AGENCY REPS.</b>  J. Stout 206-321-3320 </div> </div>			
<div> <div> <b>PLANNING SECTION CHIEF</b>  Dan Sobleski 714-342-6358  B. Geraghty (D) 562-217-0791  D. Jolly (D) 757-567-8717 </div> <div> <b>OPERATIONS SECTION CHIEF</b>  C. Gregory 702-802-1849  A. Geyer (D) 415-720-4160  J. Victoria (D) 310-413-6533 </div> </div>				<div> <div> <b>LOGISTICS SECTION CHIEF</b>  Jon MacArthur 623-229-8875  Jeff Fridlund (D) 805-657-6764  <b>Supply Unit Leader</b>  Karen Marvin 562-756-2575  <b>Supply Unit</b>  Ashley Saavedra 510-260-9092  Keith Turner 562-216-3281 </div> <div> <b>FINANCE SECTION CHIEF</b>  Brian Bryd 601-467-5266 </div> </div>			

# INCIDENT ORGANIZATION CHART ICS 207-CG

2. Operational Period (Date/Time)  
From: 5/30/2015 06:00 To: 6/1/2105 06:00

1. Incident Name  
Refugio





<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b> Wildlife Branch		<b>4. Division/Group/Staging</b> Wildlife Recovery Group			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	Witt O'Brien's	702-802-1849	
Branch Director		Kathleen Jennings	CDFW	707-372-0103	
Division/Group Supervisor/STAM					
<b>6. Resources Assigned</b>					
X indicates 204a attachment with additional instructions					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	Wildlife Recon Team	L. Henkel	831-212-7665	1	
1 (each)	Wildlife Recovery - Birds Team	K. Mills-Parker	530-979-7690	15	X
1 (each)	Wild Life Recovery Team - Mammals	M. Harris	831-212-7090	13	X
1 (each)	Field Stabilization Team - Birds	N. Anderson	530-771-7028	3	
1 (each)	Field stabilization Team - Mammals	H. Harris	415-517-5514	3	
1 (each)	Transport Team	S. Herman	530-979-6099	4	
1 (each)	Care/Processing Team - Birds	C. Fiorello	530-979-0380	11	
1 (each)	Care/Processing Team - Mammals	J. Westberg	858-229-5639	14	
1 (each)	Stabilization Facilities/Trailers			2	
1 (each)	Care Facility			2	
<b>7. Work Assignments</b>					
<p>Wildlife Recon. Team - Collect real time data on animals at risk and staff the hotline.</p> <p>Wildlife Recovery Teams - Coordinate and supervise recovery of live and dead oiled wildlife in assigned Divisions and in response to reports.</p> <p>Transport Team - Coordinate and supervise transport of collected animals between Recovery, Field Stabilization and Care Teams.</p> <p>Field Stabilization Teams - Provide first aid to live captured animals prior to transport to primary care centers.</p> <p>Care/Processing Teams - Document oiling status, conduct intake examinations, provide pre-wash care, clean oil from affected animals, return animals to normal function, and release in clean environment.</p>					
<b>8. Special Instructions</b>					
<p>Instructions for Dead Wildlife and Natural Resource Protection.</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p>					
<b>SAFETY MESSAGE</b>					
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.					
<b>HISTORICAL/CULTURAL GUIDELINES</b>					
<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 14:00	D. Sobieski	05/29/2015 17:00	Chris Gregory	05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:50		ICS 204-CG (Rev. 10/07)	

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

Animal carcasses that have orange flagging indicates that no further action is needed. These flagged animals have already been assessed and reported

**9. Communications (radio and/or phone contact numbers needed for this assignment)**

Name/Function	Radio Freq /System/Channel	Phone	Cell/Pager
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**Emergency Communications**

**Medical:**

**Evacuation:**

**Other:**

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/29/2015 14:00	D. Sobieski	05/29/2015 17:00	Chris Gregory	05/29/2015 17:00

ASSIGNMENT LIST

05/29/2015 18:50

ICS 204-CG (Rev. 10/07)



<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ATTACHMENT ICS 204a
<b>3. Branch</b> Wildlife Branch		<b>4. Division/Group/Staging</b> Wildlife Recovery Group			
<b>5. Strike Team/Task Force/Resource(Identifier)</b>		<b>6. Leader</b>		<b>7. Assignment Location</b>	
<b>Team</b>		<b>Team Leader</b>			
<b>8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment</b> WILDLIFE RECOVERY GROUP MINIMIZATION MEASURES					
<p><b>Habitat-specific Measures</b> These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p><b>Marine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering kelp beds as much as possible.</li> <li>• Avoid boat traffic traveling near or through flocks of seabirds resting in the water.</li> <li>• Have a wildlife monitor present on all boats.</li> <li>• No spill response activities should take place within 1,000 feet of nesting seabirds.</li> <li>• If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.</li> </ul> <p><b>Riparian</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted areas as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.</li> <li>• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.</li> <li>• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.</li> <li>• Response activities should avoid or minimize changes in channel morphology.</li> <li>• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.</li> </ul> <p><b>Sandy Beach/Dune</b></p> <ul style="list-style-type: none"> <li>• Avoid entering vegetated dune habitat as much as possible.</li> <li>• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.</li> <li>• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).</li> <li>• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Manual oil removal techniques should be used as much as possible.</li> <li>• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.</li> <li>• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.</li> <li>• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.</li> </ul> <p><b>Estuarine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted habitat as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• A biologist should be present throughout the duration of the cleanup activities.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• A biologist should look for nests and establish suitable buffer areas to prevent impacts.</li> <li>• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.</li> </ul> <p><b>Coastal Bluff</b></p> <ul style="list-style-type: none"> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Previously-disturbed areas should be used for equipment staging and vehicle parking to the maximum extent practical.</li> <li>• Any listed plant species should be flagged and avoided.</li> </ul> <p><b>Species-specific Measures</b> These measures are specifically targeted to minimize impacts to listed species during initial response. USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p><b>Tidewater goby</b></p> <ul style="list-style-type: none"> <li>• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.</li> <li>• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.</li> </ul>					
<b>10. Prepared By</b> Steve Browne	<b>Date/Time</b> 05/29/2015 14:00	<b>11. Reviewed By (PSC)</b> D. Sobieski	<b>Date / Time</b> 05/29/2015 17:00	<b>12. Reviewed By (OSC)</b> Chris Gregory	<b>Date / Time</b> 05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:50		ICS 204-CG (Rev.10/07)	

- Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.
- Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

#### Least Bell's vireos and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.
- A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
- Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
- If vegetation removal is required, roots should be left in place as much as possible.
- A qualified biologist should be present as much as possible during activities that impact suitable habitat.

#### California least tern and/or Western snowy plover

- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
- A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
- Any work required within nesting areas should be accompanied by a qualified biologist.
- A qualified biologist should identify and demarcate access and egress routes.
- The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
- All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
- Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
- If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
- The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

#### California red-legged frog

- A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
- All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
- Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
- After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
- After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
- Open excavations and trenches should be covered each night to prevent entrapment of frogs.
- If vegetation removal is necessary, roots should remain in place as much

Do not operate ATVs within 1000 feet of the fence line of Coal Oil Point Reserve. Responders may not work in the area without a qualified snowy plover monitor.

#### 9. Communications (radio and/or phone contact numbers needed for this assignment)

<input type="checkbox"/> Map/ Chart	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 14:00	D. Sobieski	05/29/2015 17:00	Chris Gregory	05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:50		ICS 204-CG (Rev. 10/07)	



<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b>		<b>4. Division/Group/Staging</b> Decon Group			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	Witt O'Brien's	702-802-1849	
Branch Director					
Division/Group Supervisor/STAM		Jeff Fry	USCG	805-896-6789	
<b>6. Resources Assigned</b>					
'X' indicates 204a attachment with additional instructions					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
40	Decon Personnel	Alex Lopez	562-244-2248	0	Ventura Harbor - Redeployed due to Tuna Festival
45 (each)	Decon Personnel	Charlie Roth	562-244-4165	0	T & T Yard Ventura
2 (each)	Portable Generators - 85kw generators - T&T Yard			0	
1 (each)	Office Trailer - 12' x 38' mobil office trailer - T&T Yard			0	
1 (each)	Decon Pool			0	
2 (each)	Vac Truck			0	
1 (each)	Roll Off Truck			0	
6	Gear Trucks			0	
6	Pick-up Trucks			0	
1 (each)	Wench Truck			0	
5 (each)	Vans			0	Includes box vans
1	Water Truck			0	
2 (each)	Response Personnel - Staff members to support decon @ Ventura & T&T			0	
6 (each)	Frac Tanks			0	
1 (each)	Equipment Trailer - 53' Box Van Trailer - T&T Yard			0	
20 (each)	Decon Personnel	Walt Dorn	562-244-2205	0	Port Hueneme
1 (each)	Hot Oil Truck			1	T&T Yard
<b>7. Work Assignments</b>					
Port Hueneme - Gross decon of Primary Vessel, Remove Equipment					
Ventura Harbor - Haul out and final decon of vessels. (24hr operation)					
T & T Yard Ventura- Final cleaning of gear and ancillary equipment. (24 hr operation) - <b>Operations on Hold for Tuna Festival</b>					
Provided necessary personnel equipment and materials to complete decon in accordance with the decon plan approved by the Unified Command.					
<b>8. Special Instructions</b>					
Volunteers: 1-800-228-4544 Claims: 866-753-3619 Public Affairs/JIC: 805-696-1188 State Park Law Enforcement: 951-443-2969 Sherriff's Dispatch: 805-692-5743					
Instructions for Dead Wildlife and Natural Resource Protection.					
<b>10. Prepared By</b>		<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>
Steve Browne		05/29/2015 14:00	D. Sobieski	05/29/2015 17:00	Chris Gregory
<b>ASSIGNMENT LIST</b>		05/29/2015 18:39		05/29/2015 17:00	

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Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately. 831-212-7090

#### SAFETY MESSAGE

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

All PPE shall be worn in accordance with the Site Specific JHA and Site Safety Plan.

#### HISTORICAL/CULTURAL GUIDELINES

Leave cultural materials in place at the site of discovery, and mark its location.

- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

**Report All Injuries require a immediate notification to Direct Supervisor.**

#### HAZARD MITIGATION

All personnel operating in a restricted area shall wear appropriate PPE (Minimum of Tychem, face shield, neoprene gloves and rubber boots are required for workers performing pressure wash ops).

Respiratory protection may be required to be used by all personnel base on continous air monitoring readings.

All personnel are reminded to stay hydrated and to take breaks as needed.

Notify Assistant Safety Officer if safety issues arise.

Workers should be cautious of slick surfaces and pressurized lines that may be present during decon ops.

#### 9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Alex Lopez - Ventura Harbor		562-244-2248	
Walt Dome - Port Hueneme		562-244-2205	
Charlie Roth - T&T Yard Ventura		562-244-4165	
Emergency Communications			

Medical:	Evacuation:	Other:
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10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/29/2015 14:00	D. Sobieski	05/29/2015 17:00	Chris Gregory	05/29/2015 17:00
ASSIGNMENT LIST		05/29/2015 18:39		ICS 204-CG (Rev.10/07)	

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b>		<b>4. Division/Group/Staging</b> On-Water Group			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	Witt O'Briens	702-802-1849	
Branch Director					
Division/Group Supervisor/STAM		Kyle Hanson	Clean Seas	805-455-5502	
<b>6. Resources Assigned</b> 'X' indicates 204a attachment with additional instructions					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	Task Force #3 (Ocean Sentinel)	Bobby Reed	805-765-9088	13	TF 3: F/V Bonny Marietta, F/V Nicky J, W/B Oregon, W/B Comet X
1 (each)	Task Force #4 ( DB San Diego, Tug Tillet)	Bob Allen	619-981-2480	14	OSV John Henry, Theory, Raven, W/B DB San Diego & A.N. Tillet, LCV Christopher G X
1 (each)	Strike Team #1	Kyle Hanson	805-455-5502	0	M/V Timber Wolf, M/V Sculpin X
1 (each)	Strike Team #2	Larry Smith	805-233-0875	0	M/V V368, M/V Victoria X
1 (each)	Landing Craft Christopher G			0	X
<b>7. Work Assignments</b>					
<b>Task Force # 3</b> - Contain and recover free floating oil. Surveillance Helo (Air control #1) to direct offshore booming and recovery operation in a South to North configuration. -Helo #1 will direct skimming operations in the nearshore areas to minimize oil impacting the shoreline. -Task Force and Helo command and control will maximize oil encounter utilizing boom tow vessels. All boom boats secured at 2000 to Ventura. -Vessel will recover available free floating oil.					
<b>Task Force #4</b> Pull 600 feet of ocean boom in "U" configuration to collect free floating oil. Offshore barge to anchor and provide fuel, food, and mooring. Provide maintenance and logistics for all on water assets. Deploy snare, use anchor system to secure in place. (Snare deployed 75 feet off of shoreline)					
<b>8. Special Instructions</b>					
<b>SAFETY MESSAGE</b> All personnel operating on the beach and vessels shall wear appropriate PFD. PPE: Tyvek, Hard hats, Nitrile gloves, Booties, Safety glasses. All personnel are reminded to stay hydrated and take breaks as necessary.					
-Site Safety Plan will be distributed via Ocean Sentinel on-scene. Offshore Response Team Member Report any distressed Wildlife to On-Water Group Leader Kyle Hanson @ 805-455-5502. Skimming vessels to off-load recovered product to the OCEAN KEEPER. -Helo to direct boom tows to maximize encounter rates for skimmers (TF#2 OCEAN DEFENDER / TF#3 OCEAN SENTINEL) -Direct all media inquiries to the PIO. -Use of unauthorized Social Media is strictly prohibited. During this operational period the Operational Section Chief may direct certain Vessels be removed from deployment for the purpose of decontamination and eventual demob					
Instructions for Dead Wildlife and Natural Resource Protection.					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hot Line at 877-823-6726.					
<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 14:22	Dan Sobieski	05/29/2015 17:00	Chris Gregory	05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:44		ICS 204-CG (Rev 10/07)	

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately. 831-212-7090

Leave cultural materials in place at the site of discovery, and mark its location.

- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

**9. Communications (radio and/or phone contact numbers needed for this assignment)**

Name/Function	Radio Freq /System/Channel	Phone	Cell/Pager
All TFs	Marine VHF Channel 10 and 16		

Emergency Communications

Medical:

Evacuation:

Other:

**10. Prepared By**

Steve Browne

**Date/Time**

05/29/2015 14:22

**11. Reviewed By (PSC)**

Dan Sobieski

**Date / Time**

05/29/2015 17:00

**12. Reviewed By (OSC)**

Chris Gregory

**Date / Time**

05/29/2015 17:00

ASSIGNMENT LIST

05/29/2015 18:44

ICS 204-CG (Rev.10/07)

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ATTACHMENT ICS 204a
<b>3. Branch</b>		<b>4. Division/Group/Staging</b> On-Water Group			
<b>5. Strike Team/Task Force/Resource(Identifier)</b>		<b>6. Leader</b>		<b>7. Assignment Location</b>	
<b>Team</b>		<b>Team Leader</b>			
<b>8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment</b> Habitat-specific Measures These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.  Marine • Avoid entering kelp beds as much as possible. • Avoid boat traffic traveling near or through flocks of seabirds resting in the water. • Have a wildlife monitor present on all boats. • No spill response activities should take place within 1,000 feet of nesting seabirds. • If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment)</b>					
<input type="checkbox"/> Map/ Chart		<input type="checkbox"/> Weather Forecast/Tides/Currents		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<b>10. Prepared By</b> Steve Browne <b>Date/Time</b> 05/29/2015 14:22 <b>11. Reviewed By (PSC)</b> Dan Sobieski <b>Date / Time</b> 05/29/2015 17:00 <b>12. Reviewed By (QSC)</b> Chris Gregory <b>Date / Time</b> 05/29/2015 17:00					
ASSIGNMENT LIST		05/29/2015 18:44		ICS 204-CG (Rev.10/07)	

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b>		<b>4. Division/Group/Staging</b> Pipeline Repair Group			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Grgory	Witt O'Briens	702-802-1849	
Branch Director					
Division/Group Supervisor/STAM		Donn Zuroski	U.S. EPA	415-971-6829	
<b>6. Resources Assigned</b>					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	Culvert Task Force	Rich Hartwig	562-452-6926	0	18 Pacific Petroleum, 1 Santec, EPA start team (4)
1	Excavation Task force	Donn Zuroski	415-971-6829	0	Excavation and Verification team (14), Pacific Petroleum (18), Santac (1), EPA start team (4), Assesment Team (6)
16 (each)	Pressure Washers			0	Excavation Task force
<b>7. Work Assignments</b>					
Excavation Task force will carry out operations as per the Attached Excavation plan.					
Culvert Task Force Shall: -Area 2, Section 2 (Under US 101): fabricate containment berm (see Area 2, section 1 fabrication standards from 5/20/15 Rev-04. -Wash interior of concrete culvert utilizing a rotating pressure wash system, using fresh water to remove all crude oil contaminates until water is visibly clean and clear. Visual concurrence should be verified and witnessed by an authorized environmental representative. Pipeline oil removal operations will continue throughout evening					
<b>8. Special Instructions</b>					
<b>Excavation Task Force</b> Safety Officers and air monitoring shall be present during operations Prior to excavations archeologist shall be consulted and if there are any cultural or historic resource concerns, archeologist shall be present to monitor the operations <ol style="list-style-type: none"> <li>A minimum of 25 feet from the potential release locations shall be maintained</li> <li>All recovered oil shall be quantified and disposed of in accordance wit the waste managemnet plan.</li> </ol> Volunteers: 1-800-228-4544 Claims: 866-753-3619 Public Affairs/JIC: 805-696-1188 State Park Law Enforcement: 951-443-2969 Sheriff's Dispatch: 805-692-5743 Instructions for Dead Wildlife and Natural Resource Protection.					
<b>HAZARD MITIGATION</b>					
-All personnel operating in the restricted area shall wear level D ( hard hats, safety toe boots, safety glasses, FRC clothing). -Respiratory protection ( full face air purifying respirator with OV-P100 cartridges) may be required to be used by all personnel based on continuous air monitoring readings. -Engineering controls such as vapor barriers and portable ventilation shall be used in the evacuation area prior to use of respiratory protection. -All personnel are reminded to stay hydrated and take breaks as needed. -Notify Assistant Safety Officer if safety issues arise.					
<b>SAFETY MESSAGE</b>					
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.					
<b>10. Prepared By</b>		<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>
Steve Browne		05/29/2015 16:22	Dan Sobieski	05/29/2015 17:00	Chris Gregory
<b>ASSIGNMENT LIST</b>		05/29/2015 18:45		05/29/2015 17:00	

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## HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

## 9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
Emergency Communications			
Medical:	Evacuation:	Other:	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/29/2015 16:22	Dan Sobieski <i>ms</i>	05/29/2015 17:00	Chris Gregory <i>CG</i>	05/29/2015 17:00
ASSIGNMENT LIST		05/29/2015 18:45		ICS 204-CG (Rev.10/07)	

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Division I/J			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	Witt O'Briens	702-802-1849	
Branch Director		Jason Bergeron	Witt O'Briens	281-414-7742	
Division/Group Supervisor/STAM		Curt Johnson	Witt O'Briens	774-238-2660	
<b>6. Resources Assigned</b>					
*X indicates 204a attachment with additional instructions					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	Double Barrel Team 1	Terrence Woods	424-344-0060	55	Tajigas X
1 (each)	West Coast Environmental Hot Shot Team 1	Pete Esparza	462-244-1190	25	Red Barn X
1 (each)	OMI Team 1	David McCoy	409-350-0274	50	Refugio South X
1 (each)	OMI Team 2	Kevin Jones	337-962-4329	28	Refugio South X
1 (each)	OMI Team 3	Pilar Sarabia	561-379-2830	36	Refugio North X
1 (each)	OC Vacuum Hot Shot 1	Chris Coza		25	Refugio North X
1 (each)	OMI Team 4	Keith Long	985-637-6066	10	141100 Quemado Lane X
1 (each)	West Coast Environmental Team 2			6	Refugio North X
1 (each)	NRC Hot Shot Team #2			20	Respond from Refugio staging X
<b>7. Work Assignments</b>					
Conduct shoreline clean-up as directed as per SCAT Methodology.					
When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.					
Double Barrel Team 1 - Tajigas OC Vacuum - Refugio North West Coast Environmental Hot Shot Team 1 West Coast Environmental Team 3 OMI Team 1 - Refugio South OMI Team 2 - Refugio South OMI Team 3 - Refugio North OMI Team 4 - 141100 Quemado Lane NRC Team 2 - The Bluff					
Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins. (Refugio and El Capitan)					
<b>8. Special Instructions</b>					
All personnel are reminded to keep hydrated and take rest breaks with a 50/10 work rest ratio. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible PFD's must be worn if the potential for drownig exists.					
Instructions for Dead Wildlife and Natural Resource Protection.					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.					
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.					
It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.					
<b>10. Prepared By</b>		<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>
Steve Browne		05/29/2015 14:22	Dan Sobieski	05/29/2015 17:00	Chris Gregory
<b>ASSIGNMENT LIST</b>		05/29/2015 18:46		05/29/2015 17:00	



Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

#### SAFETY MESSAGE

PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible. PFD's must be worn if the potential for drownig exists.

All personnel are reminded to keep hydrated and take rest breaks with a 50/10 work rest ratio.

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

#### HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

#### 9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
---------------	----------------------------	-------	------------

Emergency Communications

Medical:

Evacuation:

Other:

#### 10. Prepared By

Steve Browne

#### Date/Time

05/29/2015 14:22

#### 11. Reviewed By (PSC)

Dan Sobieski

#### Date / Time

05/29/2015 17:00

#### 12. Reviewed By (OSC)

Chris Gregory

#### Date / Time

05/29/2015 17:00

#### ASSIGNMENT LIST

05/29/2015 18:46

ICS 204-CG (Rev.10/07)

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ATTACHMENT ICS 204a
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Division I/J			
<b>5. Strike Team/Task Force/Resource(Identifier)</b>		<b>6. Leader</b>		<b>7. Assignment Location</b>	
Team		Team Leader			
<b>8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment</b>					
<p><b>Habitat-specific Measures</b> These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p><b>Riparian</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted areas as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.</li> <li>• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.</li> <li>• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.</li> <li>• Response activities should avoid or minimize changes in channel morphology.</li> <li>• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.</li> </ul> <p><b>Sandy Beach/Dune</b></p> <ul style="list-style-type: none"> <li>• Avoid entering vegetated dune habitat as much as possible.</li> <li>• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.</li> <li>• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).</li> <li>• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Manual oil removal techniques should be used as much as possible.</li> <li>• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.</li> <li>• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.</li> <li>• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.</li> </ul> <p><b>Estuarine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted habitat as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• A biologist should be present throughout the duration of the cleanup activities.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• A biologist should look for nests and establish suitable buffer areas to prevent impacts.</li> <li>• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.</li> </ul> <p><b>Species-specific Measures</b> These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p><b>Tidewater goby</b></p> <ul style="list-style-type: none"> <li>• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.</li> <li>• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.</li> <li>• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.</li> <li>• Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.</li> <li>• If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.</li> <li>• Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.</li> <li>• Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.</li> </ul>					
<b>10. Prepared By</b> Steve Browne	<b>Date/Time</b> 05/29/2015 14:22	<b>11. Reviewed By (PSC)</b> Dan Sobieski	<b>Date / Time</b> 05/29/2015 17:00	<b>12. Reviewed By (OSC)</b> Chris Gregory	<b>Date / Time</b> 05/29/2015 17:00
ASSIGNMENT LIST		05/29/2015 18:46		ICS 204-CG (Rev.10/07)	

### California red-legged frog

- A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
  - All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
  - Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
  - After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
  - After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
  - Open excavations and trenches should be covered each night to prevent entrapment of frogs.
  - If vegetation removal is necessary, roots should remain in place as much as possible.
- Least Bell's vireos and/or southwestern willow flycatchers
- Disturbance of riparian vegetation should be avoided as much as possible.
  - A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
  - Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
  - If vegetation removal is required, roots should be left in place as much as possible.
  - A qualified biologist should be present as much as possible during activities that impact suitable habitat.

### 9. Communications (radio and/or phone contact numbers needed for this assignment)

<input type="checkbox"/> Map/ Chart	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 10. Prepared By

Steve Browne

### Date/Time

05/29/2015 14:22

### 11. Reviewed By (PSC)

Dan Sobieski

### Date / Time

05/29/2015 17:00

### 12. Reviewed By (OSC)

Chris Gregory

### Date / Time

05/29/2015 17:00

### ASSIGNMENT LIST

05/29/2015 18:46

ICS 204-CG (Rev.10/07)

Shoreline Treatment Recommendation Transmittal Form

Site Location: **OPTION 1** **AT CEMENTARIO CREEK**  
 Segment: **5001** Length: **2091** Site Date: **5/29/15**  
 Species: **SALICORNIA** **SUN** **POUL**

Box 1: Direct Area for Treatment

POCKET OF TLR BILLS FROM GAVIOTA STATE BEACH  
 0.25 MILES IN LENGTH TO THE EAST. POCKET OF  
 TLR BILLS AT 0.85 MILES EAST OF GAVIOTA BEACH. POCKET OF

Box 2: Treatment Site Information

0.1 MILE IN LENGTH AT CEMENTARIO CREEK  
 REMOVE TLR BILLS FROM SANDY AREA  
 HIGHER CONCENTRATION OF TLR BILLS (WEST)

Box 3: Recommendations

STAGING OF EQUIPMENT AT GAVIOTA  
 STATE BEACH. THIS CAN BE DONE WESTERN SECTION  
 OF BEACH. ALSO STAGE ACCESS OFF OF OIL  
 FACILITY AT CEMENTARIO CREEK.

Box 4: Ecological Resource Summary

Box 5: Cultural Resource Comments

Access ONLY FROM GAVIOTA STATE PARK. ARCH MONITOR REQUIRED  
 CONTINUED CHUMASH MONITORING.

Box 6: Other Issues to be Noted

SLIPS, TRIPS, FALLS. HIGH TIDE IS AT  
 ROCKY CLIFF AND BOULDERS IN TIDAL ZONE.

Signature: **MS** **CGL**  
 Environmental Unit Lead Planning Section Chief Historic Property Specialist

Signature: **DIANA GROSS** **5/29/15**

Signature: **MS** **CGL**

P-DATCHY - 15-30% MEDIUM  
 S - 30000% ~ 100%  
 (LIGHT)

medium  
 oil  
 medium  
 upid  
 LIGHT

SB-I-S001

medium  
 upid  
 LIGHT

Pocket of 15%  
 U: 14-15%  
 20%  
 Cementado Creek

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, and the GIS User Community. Copyright: 2014 Esri, DeLorme, HERE, TomTom



Cart. Dept. of Fish and Wildlife  
 Office of Soil Prevention and Response  
 VCE: All California State Maps

# Refugio Incident

## Division I

### Segment SB-I-S001

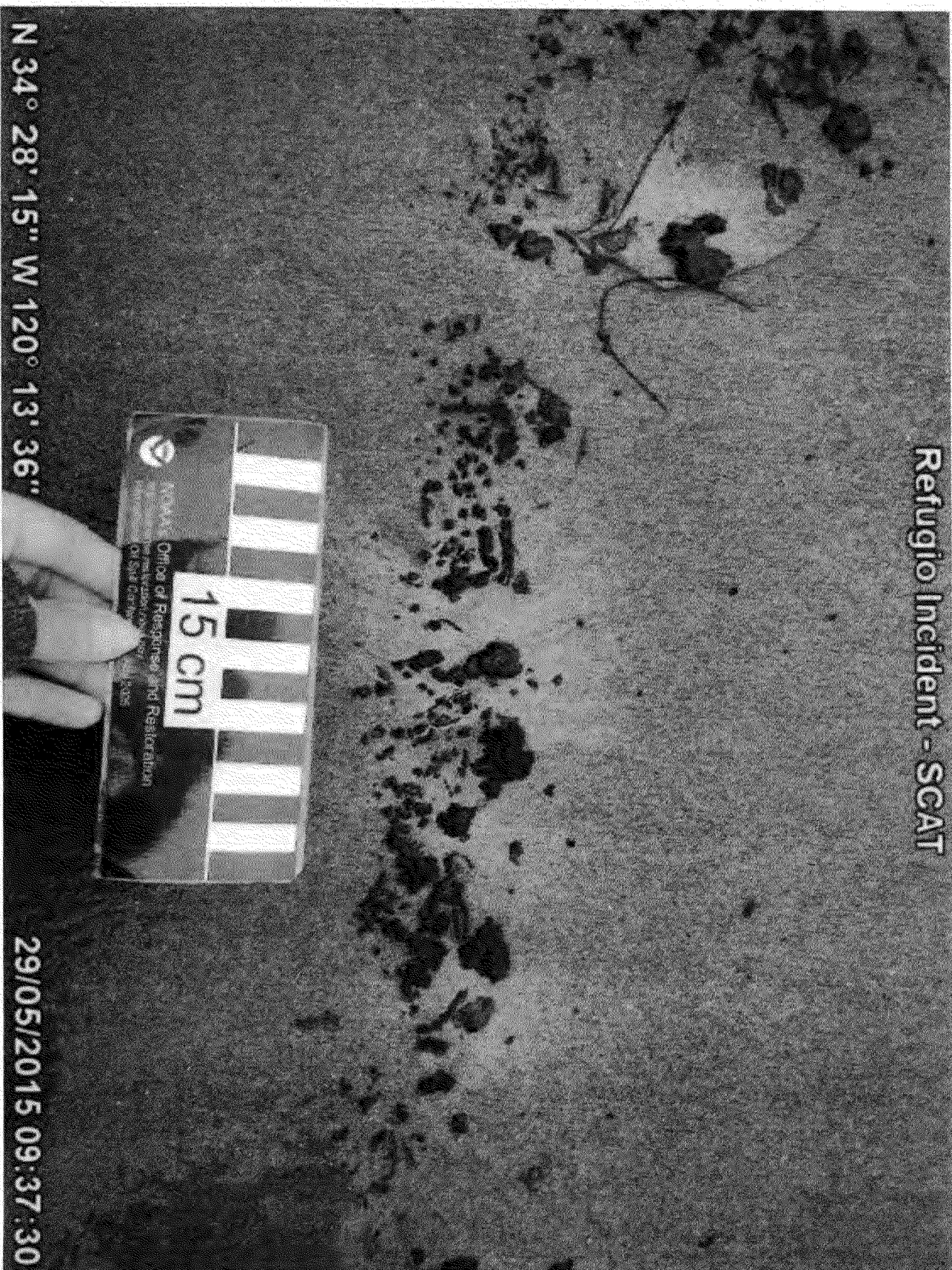


23 of 77



2015-05-29  
Team 4

# Refugio Incident - SCAT



N 34° 28' 15" W 120° 13' 36"

29/05/2015 09:37:30

2015-05-29  
Team 4

Refugio Incident - SCAT

N 34° 28' 15" W 120° 12' 52"



29/05/2015 11:16:32



<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Division K/L			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	Witt O'Briens	702-802-1849	
Branch Director		Jason Bergeron	Witt O'Briens	281-414-7742	
Division/Group Supervisor/STAM		Steve Cadenhdad	Witt O'Briens	850-605-6046	
<b>6. Resources Assigned</b>					
'X' indicates 204a attachment with additional instructions					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	CRA Team 2	James Felton	501-353-3523	23	Clean-up Techs with 6 NRC supervisors
1 (each)	Ponder Team 1	Carlos Sanchez	510-915-4052	63	El Capitan
1 (each)	CA Conservation Core Team			17	17 personnel including supervisors
1 (each)	CRA Team 1	Nick Grecko	516-650-6842	65	Los Flores
1 (each)	Ponder Team 2	Carlos Diaz	310-345-3185	9	Tide Pools at El Capitan
1 (each)	Double Barrel Team 2	Kevin Elms	661-341-7266	30	11000 Calle Real, Goleta CA
1 (each)	OC Vacuum Team 2	Robert Bader		25	Hot Shot Crew
1 (each)	Santa Barbara Fire Team	Darren Mafi	805-896-6352	24	Las Varas Ranch
<b>7. Work Assignments</b>					
<p>Conduct shoreline clean-up as directed per the SCAT Methodology. When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.</p> <p>Ponder Team 1 conduct operations at El Capitan Beach.  Ponder Team 2 conduct operations at Tide Pools at El Capitan Beach.  CRA Team 1 conduct operations at Las Flores.  CRA Team 2 conduct operations at Las Flores.  Double Barrel Team 2 conduct operations at 11000 Calle Real, Goleta CA.  Santa Barbara Fire Team and CA Conservation Core Team conduct operations at Las Varas Ranch.</p> <p><b>Use of SaveSorb</b></p> <p>SaveSorb will not be broadcast loose over a broad area of boulders and terraces selected for cleaning. SaveSorb will be applied to just each surface being treated in a manner that minimizes drifting of product away from the surface. SaveSorb will be pressed into the oil by hand, allowing a brief period for sorption, then scrubbed with a brush to remove the oil plus the SaveSorb. Oiled SaveSorb that results from brushing will be disposed of properly.</p> <p>Clean SaveSorb that falls to the bottom of the boulder can be collected and reused.</p> <p>Boulders and terraces selected for treatment will not be those in the lower intertidal that have encrusting organisms.</p> <p>Rocks should be cleaned to the point where there is only a non-sticky stain remaining.</p> <p>An ART Technical Specialist can be provided to monitor initial use of this product to assure it is meeting operational guidelines.</p> <p>Tribal and State Parks representatives should be invited to view initial application and operations.</p> <p>Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins. (Refugio and El Capitan)</p>					
<b>8. Special Instructions</b>					
Instructions for Dead Wildlife and Natural Resource Protection.					
<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 15:22	Dan Sobieski	05/29/2015 18:00	Chris Gregory	05/29/2015 18:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:47		ICS 204-CG (Rev.10/07)	



Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.

Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.

It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.

Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.

#### SAFETY MESSAGE

All personnel are reminded to keep hydrated and take rest breaks at a work/rest ratio of 50/10. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Type 5 PFDs are required when operating in or near water. All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

**Report All Injuries require a immediate notification to Direct Supervisor.**

#### HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

**Report All Injuries require a immediate notification to Direct Supervisor.**

#### 9. Communications (radio and/or phone contact numbers needed for this assignment)

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Emergency Communications			
Medical:	Evacuation:	Other:	

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/29/2015 15:22	Dan Sobleski <i>DMS</i>	05/29/2015 18:00	Chris Gregory <i>CD</i>	05/29/2015 18:00

ASSIGNMENT LIST

05/29/2015 18:47

ICS 204-CG (Rev. 10/07)

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ATTACHMENT ICS 204a
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<b>5. Strike Team/Task Force/Resource(Identifier)</b>		<b>6. Leader</b>		<b>7. Assignment Location</b>	
<b>Team</b>		<b>Team Leader</b>			
<b>8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment</b>					
<p><b>Habitat-specific Measures</b> These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p><b>Riparian</b></p> <ul style="list-style-type: none"> <li>Avoid entering wetted areas as much as possible.</li> <li>Avoid disturbing vegetation as much as possible.</li> <li>The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.</li> <li>During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.</li> <li>Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.</li> <li>Response activities should avoid or minimize changes in channel morphology.</li> <li>No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.</li> <li>Any listed plant species should be flagged and avoided.</li> <li>For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.</li> </ul> <p><b>Sandy Beach/Dune</b></p> <ul style="list-style-type: none"> <li>Avoid entering vegetated dune habitat as much as possible.</li> <li>If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.</li> <li>Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).</li> <li>Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.</li> <li>Manual oil removal techniques should be used as much as possible.</li> <li>All trash or anything that would attract wildlife to the work area should be removed on a daily basis.</li> <li>Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.</li> <li>For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.</li> </ul> <p><b>Estuarine</b></p> <ul style="list-style-type: none"> <li>Avoid entering wetted habitat as much as possible.</li> <li>Avoid disturbing vegetation as much as possible.</li> <li>Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>A biologist should be present throughout the duration of the cleanup activities.</li> <li>Any listed plant species should be flagged and avoided.</li> <li>A biologist should look for nests and establish suitable buffer areas to prevent impacts.</li> <li>For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.</li> </ul> <p><b>Species-specific Measures</b> These measures are specifically targeted to minimize impacts to listed species during initial response. USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p><b>Tidewater goby</b></p> <ul style="list-style-type: none"> <li>Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.</li> <li>If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.</li> <li>Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.</li> <li>Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.</li> <li>If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.</li> <li>Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.</li> <li>Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.</li> </ul>					
<b>10. Prepared By</b> Steve Browne	<b>Date/Time</b> 05/29/2015 15:22	<b>11. Reviewed By (PSC)</b> Dan Sobieski	<b>Date / Time</b> 05/29/2015 18:00	<b>12. Reviewed By (OSC)</b> Chris Gregory	<b>Date / Time</b> 05/29/2015 18:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:47		ICS 204-CG (Rev. 10/07)	

**California red-legged frog**

- A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
- All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
- Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
- After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
- After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
- Open excavations and trenches should be covered each night to prevent entrapment of frogs.
- If vegetation removal is necessary, roots should remain in place as much as possible.

**9. Communications (radio and/or phone contact numbers needed for this assignment)**

- |                                     |  |                          |
|-------------------------------------|--|--------------------------|
| <input type="checkbox"/> Map/ Chart | <input type="checkbox"/> Weather Forecast/Tides/Currents | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input type="checkbox"/>                                 | <input type="checkbox"/> |

**10. Prepared By**

Steve Browne

**Date/Time**

05/29/2015 15:22

**11. Reviewed By (PSC)**

Dan Sobieski

**Date / Time**

05/29/2015 18:00

**12. Reviewed By (OSC)**

Chris Gregory

**Date / Time**

05/29/2015 18:00

**ASSIGNMENT LIST**

05/29/2015 18:47

ICS 204-CG (Rev.10/07)

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Division M/N			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	WOB	702-802-1849	
Branch Director		Jason Bergeron	WOB	281-414-7742	
Division/Group Supervisor/STAM		Josh Vettors	WOB	979-665-6355	
<b>6. Resources Assigned</b> <span style="float: right;">*X indicates 204a attachment with additional instructions</span>					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	Clean Harbors Team 1	Gregorio Munez	310-345-6867	25	UCSB Coal Oil Point <span style="float: right;">X</span>
1 (each)	West Coast Environmental Team 2	Bill Ayers	562-900-9968	24	Haskell Beach behind Bacara Resort
<b>7. Work Assignments</b>					
<p>Conduct shoreline clean up as directed in accordance with SCAT methodology.</p> <p>When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.</p> <p>Clean Harbors Team 1 - UCSB Coal Oil Point Operation on Hold for weekend as per UCSB request</p> <p>West Coast Environmental Team 2 - Haskell Beach behind Bacara Resort. <b>Work on hold for the weekend as per the request of The City of Goleta.</b></p> <p>Crews to be redeployed as conditions dictate.</p> <p>Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins. (Refugio and El Capitan)</p>					
<b>8. Special Instructions</b>					
<p>Instructions for Dead Wildlife and Natural Resource Protection:</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p>					
<b>SAFETY MESSAGE</b>					
<p>All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways.</p> <p>PFD's must be worn if the potential for drownig exists.</p> <p>All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.</p>					
<b>Report All Injuries require a immediate notification to Direct Supervisor.</b>					
<b>HISTORICAL/CULTURAL GUIDELINES</b>					
<ul style="list-style-type: none"> <li>• Leave cultural materials in place at the site of discovery, and mark its location.</li> <li>• Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.</li> </ul>					
<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 15:22	Dan Sobleski <i>ms</i>	05/29/2015 18:00	Chris Gregory <i>cm</i>	05/29/2015 18:00
<b>ASSIGNMENT LIST</b>		05/29/2015 19:55		ICS 204-CG (Rev.10/07)	

- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

**9. Communications (radio and/or phone contact numbers needed for this assignment)**

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
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Emergency Communications

**Medical:** **Evacuation:** **Other:**

<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 15:22	Dan Sobieski <i>[Signature]</i>	05/29/2015 18:00	Chris Gregory <i>[Signature]</i>	05/29/2015 18:00
<b>ASSIGNMENT LIST</b>		05/29/2015 19:55		ICS 204-CG (Rev.10/07)	



<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ATTACHMENT ICS 204a
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Division M/N			
<b>5. Strike Team/Task Force/Resource(Identifier)</b>		<b>6. Leader</b>		<b>7. Assignment Location</b>	
<b>Team</b>		<b>Team Leader</b>			
<b>8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment</b>					
<p><b>Habitat-specific Measures</b> These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p><b>Riparian</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted areas as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.</li> <li>• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.</li> <li>• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.</li> <li>• Response activities should avoid or minimize changes in channel morphology</li> <li>• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.</li> </ul> <p><b>Sandy Beach/Dune</b></p> <ul style="list-style-type: none"> <li>• Avoid entering vegetated dune habitat as much as possible.</li> <li>• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.</li> <li>• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).</li> <li>• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Manual oil removal techniques should be used as much as possible.</li> <li>• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.</li> <li>• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.</li> <li>• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.</li> </ul> <p><b>Estuarine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted habitat as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• A biologist should be present throughout the duration of the cleanup activities.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• A biologist should look for nests and establish suitable buffer areas to prevent impacts.</li> <li>• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.</li> </ul> <p><b>Species-specific Measures</b> These measures are specifically targeted to minimize impacts to listed species during initial response. USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p><b>Tidewater goby</b></p> <ul style="list-style-type: none"> <li>• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.</li> <li>• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.</li> <li>• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.</li> <li>• Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.</li> <li>• If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.</li> <li>• Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.</li> <li>• Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.</li> </ul>					
<b>10. Prepared By</b> Steve Browne	<b>Date/Time</b> 05/29/2015 15:22	<b>11. Reviewed By (PSC)</b> Dan Sobieski	<b>Date / Time</b> 05/29/2015 18:00	<b>12. Reviewed By (OSC)</b> Chris Gregory	<b>Date / Time</b> 05/29/2015 18:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:48			

California least tern and/or Western snowy plover

- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
- A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
- Any work required within nesting areas should be accompanied by a qualified biologist.
- A qualified biologist should identify and demarcate access and egress routes.
- The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.

9. Communications (radio and/or phone contact numbers needed for this assignment)

<input type="checkbox"/> Map/ Chart	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/29/2015 15:22	Dan Sobieski <i>DS</i>	05/29/2015 18:00	Chris Gregory <i>CG</i>	05/29/2015 18:00
ASSIGNMENT LIST		05/29/2015 18:48		ICS 204-CG (Rev.10/07)	

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Division O/P			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	Witt O'Briens	702-802-1849	
Branch Director		Jason Bergeron	Witt O'Briens	281-414-7742	
Division/Group Supervisor/STAM		Peter Gardener	Witt O'Briens	206-914-5131	
<b>6. Resources Assigned</b>					
'X' indicates 204a attachment with additional instructions					
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Contact#	# Of Persons	Notes	
<b>7. Work Assignments</b>					
<p>Conduct shoreline cleanup as directed and in accordance with SCAT methodology.</p> <p>When beaches have been cleaned to Phase 1 criteria, written confirmation is required by SCAT on their POM form.</p> <p><b>Crews will be on stand-by to respond - Conditions will be monitored by Division Supervisor and SCAT</b></p> <p>Any deceased animals other than Endangered Birds or Sea Mammals found while working shall be bagged and disposed of in the designated bins (Refugio and El Capitan)</p>					
<b>8. Special Instructions</b>					
<p>Instructions for Dead Wildlife and Natural Resource Protection.</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p> <p><b>SAFETY MESSAGE</b></p> <p>All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio. PPE: Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways if possible PFD's must be worn if the potential for drowning exists.</p> <p>All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.</p> <p><b>HISTORICAL/CULTURAL GUIDELINES</b></p> <ul style="list-style-type: none"> <li>• Leave cultural materials in place at the site of discovery, and mark its location.</li> <li>• Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.</li> <li>• Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.</li> </ul> <p><b>Report All Injuries require a immediate notification to Direct Supervisor.</b></p>					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment)</b>					
Name/Function		Radio Freq./System/Channel		Phone	Cell/Pager
<b>10. Prepared By</b>		<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (QSC)</b>
Steve Browne		05/29/2015 14:00	Dan Sobieski	05/29/2015 17:00	Chris Gregory
<b>ASSIGNMENT LIST</b>		05/29/2015 18:49		ICS 204-CG (Rev.10/07)	

# Emergency Communications

Medical:

Evacuation:

Other:

10. Prepared By

Date/Time

11. Reviewed By (PSC)

Date / Time

12. Reviewed By (OSC)

Date / Time

Steve Browne

05/29/2015 14:00

Dan Sobieski

*DHS*

05/29/2015 17:00

Chris Gregory

*CM*

05/29/2015 17:00

ASSIGNMENT LIST

05/29/2015 18:49

ICS 204-CG (Rev.10/07)

Generated by Witt O'Brien's

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<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ATTACHMENT ICS 204a
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Division O/P			
<b>5. Strike Team/Task Force/Resource(Identifier)</b>		<b>6. Leader</b>		<b>7. Assignment Location</b>	
<b>Team</b>		<b>Team Leader</b>			
<b>8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment</b> <p><b>Habitat-specific Measures</b> These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p><b>Riparian</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted areas as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.</li> <li>• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.</li> <li>• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.</li> <li>• Response activities should avoid or minimize changes in channel morphology</li> <li>• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.</li> </ul> <p><b>Sandy Beach/Dune</b></p> <ul style="list-style-type: none"> <li>• Avoid entering vegetated dune habitat as much as possible.</li> <li>• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.</li> <li>• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).</li> <li>• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Manual oil removal techniques should be used as much as possible.</li> <li>• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.</li> <li>• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.</li> <li>• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.</li> </ul> <p><b>Estuarine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted habitat as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• A biologist should be present throughout the duration of the cleanup activities.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• A biologist should look for nests and establish suitable buffer areas to prevent impacts.</li> <li>• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.</li> </ul> <p><b>Species-specific Measures</b> These measures are specifically targeted to minimize impacts to listed species during initial response. USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p><b>Tidewater goby</b></p> <ul style="list-style-type: none"> <li>• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.</li> <li>• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.</li> <li>• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed on the first day of work and monitored thereafter for the duration of the work.</li> <li>• Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.</li> <li>• If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.</li> <li>• Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.</li> <li>• Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.</li> </ul>					
<b>10. Prepared By</b> Steve Browne	<b>Date/Time</b> 05/29/2015 14:00	<b>11. Reviewed By (PSC)</b> Dan Sobieski	<b>Date / Time</b> 05/29/2015 17:00	<b>12. Reviewed By (OSC)</b> Chris Gregory	<b>Date / Time</b> 05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:49		ICS 204-CG (Rev.10/07)	



9. Communications (radio and/or phone contact numbers needed for this assignment)

<input type="checkbox"/> Map/ Chart	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/29/2015 14:00	Dan Sobieski <i>DS</i>	05/29/2015 17:00	Chris Gregory <i>CRG</i>	05/29/2015 17:00
ASSIGNMENT LIST		05/29/2015 18:49		ICS 204-CG (Rev.10/07)	

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Protection Group			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	Witt O'Brien's	702-802-1849	
Branch Director		Jason Bergeron	Witt O'Brien's	281-414-7742	
Division/Group Supervisor/STAM		R. Delgado	Patriot	362-244-4408	
<b>6. Resources Assigned</b>					
'X' indicates 204a attachment with additional instructions					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	Task Force 1	Ruben D	CH 10	4	Report to Staging at 0600
<b>7. Work Assignments</b>					
As directed, deploy and maintain strategies per the Area Contingency Plan.					
<b>8. Special Instructions</b>					
<p>Follow site strategies as per ACP, deploying boom, sorbents and fence stakes.</p> <p>PPE: Tyvek suits, gloves, safety glasses, neoprene boots. PFDs are required within 10' of water or presents a risk of drowning.</p> <p>Offshore work on vessels are required a PFD</p> <p>Instructions for Dead Wildlife and Natural Resource Protection.</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.</p> <p>On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately. 831-212-7090</p>					
<b>SAFETY MESSAGE</b>					
All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.					
<b>HISTORICAL/CULTURAL GUIDELINES</b>					
<ul style="list-style-type: none"> <li>• Leave cultural materials in place at the site of discovery, and mark its location.</li> <li>• Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.</li> <li>• Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.</li> </ul>					
Report All Injuries require a immediate notification to Direct Supervisor.					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment)</b>					
<b>Name/Function</b>	<b>Radio Freq./System/Channel</b>	<b>Phone</b>	<b>Cell/Pager</b>		
Marine VHF	CH 10	562-244-4408			
<b>10. Prepared By</b>					
Steve Browne	Date/Time 05/29/2015 14:00	<b>11. Reviewed By (PSC)</b> D. Sobieski		Date / Time 05/29/2015 17:00	<b>12. Reviewed By (OSC)</b> Chris Gregory
<b>ASSIGNMENT LIST</b>		05/29/2015 18:50		05/29/2015 17:00	
Generated by Witt O'Brien's					
ICS 204-CG (Rev.10/07)					

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Emergency Communications

Medical: 911

Evacuation: 911

Other: 911

10. Prepared By

Steve Browne

Date/Time

05/29/2015 14:00

11. Reviewed By (PSC)

D. Sobieski

Date / Time

05/29/2015 17:00

12. Reviewed By (OSC)

Chris Gregory

Date / Time

05/29/2015 17:00

ASSIGNMENT LIST

05/29/2015 18:50

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<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ATTACHMENT ICS 204a
<b>3. Branch</b> Recovery Branch		<b>4. Division/Group/Staging</b> Protection Group			
<b>5. Strike Team/Task Force/Resource(Identifier)</b>		<b>6. Leader</b>		<b>7. Assignment Location</b>	
<b>Team</b>		<b>Team Leader</b>			
<b>8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment</b>					
<p><b>Habitat-specific Measures</b> These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p><b>Marine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering kelp beds as much as possible.</li> <li>• Avoid boat traffic traveling near or through flocks of seabirds resting in the water.</li> <li>• Have a wildlife monitor present on all boats.</li> <li>• No spill response activities should take place within 1,000 feet of nesting seabirds.</li> <li>• If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.</li> </ul> <p><b>Riparian</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted areas as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.</li> <li>• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.</li> <li>• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.</li> <li>• Response activities should avoid or minimize changes in channel morphology.</li> <li>• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.</li> </ul> <p><b>Sandy Beach/Dune</b></p> <ul style="list-style-type: none"> <li>• Avoid entering vegetated dune habitat as much as possible.</li> <li>• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.</li> <li>• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).</li> <li>• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Manual oil removal techniques should be used as much as possible.</li> <li>• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.</li> <li>• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.</li> <li>• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.</li> </ul> <p><b>Estuarine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted habitat as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• A biologist should be present throughout the duration of the cleanup activities.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• A biologist should look for nests and establish suitable buffer areas to prevent impacts.</li> <li>• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.</li> </ul> <p><b>Coastal Bluff</b></p> <ul style="list-style-type: none"> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Previously-disturbed areas should be used for equipment staging and vehicle parking to the maximum extent practical.</li> <li>• Any listed plant species should be flagged and avoided.</li> </ul> <p><b>Species-specific Measures</b> These measures are specifically targeted to minimize impacts to listed species during initial response, USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p><b>Tidewater goby</b></p> <ul style="list-style-type: none"> <li>• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.</li> <li>• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.</li> <li>• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed</li> </ul>					
<b>10. Prepared By</b> Steve Browne	<b>Date/Time</b> 05/29/2015 14:00	<b>11. Reviewed By (PSC)</b> D. Sobieski	<b>Date / Time</b> 05/29/2015 17:00	<b>12. Reviewed By (OSC)</b> Chris Gregory	<b>Date / Time</b> 05/29/2015 17:00
ASSIGNMENT LIST		05/29/2015 18:50		ICS 204-CG (Rev.10/07)	

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on the first day of work and monitored thereafter for the duration of the work.

- Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/ minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.
- A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
- Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
- If vegetation removal is required, roots should be left in place as much as possible.
- A qualified biologist should be present as much as possible during activities that impact suitable habitat.
- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
- A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
- Any work required within nesting areas should be accompanied by a qualified biologist.
- A qualified biologist should identify and demarcate access and egress routes.
- The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
- All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
- Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
- If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
- The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

California red-legged frog

- A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
- All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
- Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
- After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
- After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
- Open excavations and trenches should be covered each night to prevent entrapment of frogs.
- If vegetation removal is necessary, roots should remain in place as much as possible.

9. Communications (radio and/or phone contact numbers needed for this assignment)

☐ Map/ Chart

☐ Weather Forecast/Tides/Currents

☐

☐

☐

10. Prepared By

Date/Time

11. Reviewed By (PSC)

Date / Time

12. Reviewed By (OSC)

Date / Time

Steve Browne

05/29/2015 14:00

D. Sobieski

05/29/2015 17:00

Chris Gregory

05/29/2015 17:00

ASSIGNMENT LIST

05/29/2015 18:50

ICS 204-CG (Rev.10/07)



<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b>		<b>4. Division/Group/Staging</b> Law - Security Group			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	Witt O'Brien's	702-802-1849	
Branch Director					
Division/Group Supervisor/STAM		Bryan Holmsted			
<b>6. Resources Assigned</b>					
'X' indicates 204a attachment with additional instructions					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	Law Enforcement Team	B. McVay		10	
14	Security Land	B. McVay	805-617-5735	0	Sheriff, State Parks, HCP, Fish and Wildlife
1 (each)	Response Personnel - Security Guard @ Source Site, Night Ops - ISS Security				
1 (each)	Vehicle - Security Vehicle - ISS Security				
1 (each)	Boat - CA Fish & Wildlife 58' Patrol Boat				
4 (each)	Personnel - Patrol Boat Personnel				
1 (each)	Personnel - Security-Law Enforcement Technical Specialist				
1 (each)	Personnel - Night time Security Officer for Wildlife Branch Equipment & Evidence - El Capitan/Del Mar Camp				
<b>7. Work Assignments</b>					
Prevent unauthorized persons from entering or remaining in the spill area. Contact and identify all persons not readily identifiable. Escort any unauthorized person from the area.					
Land units- Contact any unidentified vehicle parked in the area with emphasis on highway 101 where access to the beach can be made. Remove all unauthorized persons and vehicles. Do not loiter on or around the railway.					
Water units- Contact any unidentified vessels entering or in the spill zone. Divert or escort unauthorized vessels from the spill area.					
<b>8. Special Instructions</b>					
Identify any persons or vessels that may need decontamination. Personnel are reminded to stay hydrated and work rest regimen as necessary.					
Instructions for Dead Wildlife and Natural Resource Protection.					
Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.					
Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.					
It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.					
Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept of Fish and Wildlife.					
On Water: Avoid entering kelp beds as much as possible. Avoid boat traffic traveling near or through flocks of seabirds resting on water, stay 1000 ft.					
<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 14:00	D. Sobieski	05/29/2015 17:00	Chris Gregory	05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:41		ICS 204-CG (Rev.10/07)	

away from nesting seabirds. If sea otter is observed keep clear and call Mike Harris immediately. 831-212-7090

#### SAFETY MESSAGE

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

#### HISTORICAL/CULTURAL GUIDELINES

- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

Report All Injuries require a immediate notification to Direct Supervisor.

#### 9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio Freq /System/Channel	Phone	Cell/Pager
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#### Emergency Communications

Medical: 911      Evacuation: 911      Other: 911

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/29/2015 14:00	D. Sobieski <i>DS</i>	05/29/2015 17:00	Chris Gregory <i>CG</i>	05/29/2015 17:00

ASSIGNMENT LIST

05/29/2015 18:41

ICS 204-CG (Rev. 10/07)

1. Incident Name Refugio Incident		2. Operational Period (Date/Time) From 05/30/2015 07:00 To 06/01/2015 06:59		Operational Period Ops Period 10		Assignment List <b>ICS 204-CG</b>	
3. Branch Air Operations Branch		4. Division/Group/Staging					
Task Force/Strike Team		Team					
5. Operational Personnel		Name	Affiliation	Contact#(s)			
Operations Section Chief		Chris Gregory	Witt O'Brien's	702-802-1849			
Branch Director		Kyle Jellison	Witt O'Brien's	954-218-4935			
6. Resources Assigned							'X' indicates 204a attachment with additional instructions
Qty x Size (Unit)	Strike Team/Task Force/Resource Identifier	Leader	Contact#	# Of Persons	Notes		
1 (each)	Strike Team 1 Overflight / Command and Control	Mark Wroble	310-613-2566	2	Aspen Helo for Command and Control Tactical X		
2 (each)	Helicopter from Aspen Air, 3 Passenger			0			
7. Work Assignments							
Provide Coordination of Air Ops in the Area of Operations. Enforce temporary flight restrictions (TFR) within the norms of safety. Refer to Airops 220 for flight manifest.							
8. Special Instructions							
Air Ops Minimization Measures  Maintain minimum altitude of 500 feet above or a 1/2 mile away from Snowey Plover Habitat in the vicinity of Coal Oil Point. 500 ft Level needs to be taken into account and maintained when flying/hovering above Bluffs.  <b>SAFETY MESSAGE</b> All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.  Report All Injuries require a immediate notification to Direct Supervisor.							
9. Communications (radio and/or phone contact numbers needed for this assignment)							
Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager				
123.02 MHZ	VHF channel 10&16						
Emergency Communications							
Medical:		Evacuation:		Other:			
10. Prepared By      Date/Time      11. Reviewed By (PSC)      Date / Time      12. Reviewed By (OSC)      Date / Time							
Steve Browne		05/29/2015 14:00 D. Sobieski		05/29/2015 17:00 Chris Gregory		05/29/2015 17:00	
ASSIGNMENT LIST							
Generated by Witt O'Brien's ICS 204-CG (Rev.10/07)							

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b>		<b>4. Division/Group/Staging</b> Submerge Oil Study Group			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		Chris Gregory	WOB		
Branch Director					
Division/Group Supervisor/STAM		Kyle Watson (Global)/Jackie Michel		206-963-8138	
<b>6. Resources Assigned</b>					
'X' indicates 204a attachment with additional instructions					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	ROV w/ Camera - Seabotix vLBV300 ROV with two cameras				
1 (each)	Task Force #1 Assess/ID - Dive Team	Charles Brennan	805-259-8142	4	Multibeam Survey Team
1 (each)	Sonar Survey Equipment				
1 (each)	Personnel - Marine Mammal Observer				
1 (each)	Task Force #2 Recovery (Global) - Dive Team	Kyle Watson	206-963-8138	10	Global Divers plus support
1 (each)	Skiff Crews			4	Transport waste collected from Divers
2 (each)	Decon personnel			2	
3 (each)	Work Boats			0	
<b>7. Work Assignments</b>					
<b>Task Force #1 - Assessment/Identification</b> Conducting multibeam survey in accordance with the Unified Command approved submerged oil team survey plan. Operations will begin on water at first light (approx. 0600 hrs) and end at dusk or upon completion of survey area. Area of operations is between El Capitan State Park and western most part of shoreline oiling, from shoreline to 10 meters (33 ft) dept contour.					
<b>Task Force #2 - Recovery(Global)</b> Recover submerge oil and transfer to Skiffs to be properly added to hazardous waste stream. <b>Ensure close co-ordination with The On-Water Group to ensure operational efficiency/safety</b>					
<b>8. Special Instructions</b>					
Adhere to all ADC Dive Safety Standards and Site Safety Dive Plan. Safety: Diver injury will be transported to Elwood Pier to meet EMS.					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment)</b>					
<b>Name/Function</b>	<b>Radio Freq./System/Channel</b>	<b>Phone</b>	<b>Cell/Pager</b>		
<b>Emergency Communications</b>					
<b>Medical:</b>		<b>Evacuation:</b>		<b>Other:</b>	
<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 15:36	D. Sobieski	05/29/2015 18:00	Chris Gregory	05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:52		ICS 204-CG (Rev.10/07)	

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ICS 204-CG
<b>3. Branch</b>		<b>4. Division/Group/Staging</b> SCAT			
<b>Task Force/Strike Team</b>		<b>Team</b>			
<b>5. Operational Personnel</b>		<b>Name</b>	<b>Affiliation</b>	<b>Contact#(s)</b>	
Operations Section Chief		D. Sobieski (PSC) and M. Boggs			
Branch Director					
Division/Group Supervisor/STAM		Craig Haffner	CDFW-OSPR	707-718-6948	
<b>6. Resources Assigned</b> <span style="float: right;">*X' indicates 204a attachment with additional instructions</span>					
<b>Qty x Size (Unit)</b>	<b>Strike Team/Task Force/Resource Identifier</b>	<b>Leader</b>	<b>Contact#</b>	<b># Of Persons</b>	<b>Notes</b>
1 (each)	SCAT Team 1	Jennifer Gold	805-450-8695	3	hot Shot Team
1 (each)	SCAT Team 2	Mia Roberts	661-361-6256	3	VN-A-01
1 (each)	SCAT Team 3	Dale Schultz	530-768-4767	3	VN-B-01
1 (each)	SCAT Team 4	Diana Grosso	661-426-5276	3	VN-C-01
<b>7. Work Assignments</b>					
<p>Report to Forward Command Post at Refugio State Park at 0700. Meet at Red Barn. Team 5 will meet at Devereaux Slough.</p> <p>POC BM1 Judan Fields 415-559-9985 at SCAT Field Base.</p> <p>Receive assignments, read and sign site safety plan and calibrate.</p> <p>Complete SCAT assignments by 1500 hrs return to ICP at 1600 hrs for briefing with Scat Coordinator.</p> <p>POT report to ICP at 0700 hrs.</p> <p><b>Report any changes in Scat Team Leaders to Unified Command through the Chain of Command. (Sunday May 31st)</b></p>					
<b>8. Special Instructions</b>					
<p>PPE is available from OPS on scene.</p> <p>Report oiled wildlife to Wildlife Branch Director or Deputy. Refer public wildlife reports to OWCN 877-823-6926</p> <p>Refer all media request to PIO Steve Gonzales 916-539-6129.</p> <p>Refer public wildlife reports to OWCM 877-823-6926.</p> <p>Scat Teams to assess staging and waste stockpiles areas for environmental sensitivity and report back to SCAT coordinator</p> <p>For cultural/Archeological concerns, Sean Ross, Field observer coordinator 415-720-4166 &amp; Lt. Mike Horn, Warden 760-964-2312</p> <p>Volunteers: 888-567-SERV</p> <p>Claims: 866-753-3619</p> <p>Public Affairs/JIC: 805-696-1188</p> <p>State Park Law Enforcement: 951-443-2969</p> <p>Sherriff's Dispatch: 805-692-5743</p> <p>Instructions for Dead Wildlife and Natural Resource Protection.</p> <p>Any LIVE oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in clean up operations should be immediately called in to the Wildlife Hotline at 877-823-6926.</p> <p>Any DEAD oiled birds, mammals, or sea turtles observed as part of cleanup operations should be called in to the team's supervisor. Supervisors can instruct the team in separating the oiled animal from the regular waste stream and (ideally) collecting it in a separate plastic bag, labeled with division/assignment area, and called into the Wildlife Hotline at 877-823-6926 for Recovery personnel to arrange pick up.</p> <p>It is critical that clean up teams not dispose of dead marine organisms (invertebrates, crustaceans, anything other than birds or mammals). Stockpile it in a marked area above the high tide line and a Natural Resource Damage Assessment (NRDA) field team will come by around midday/before high tide to ID and catalogue the spill related mortality.</p> <p>Do not initiate any on-shore response or cleanup at Coal Oil Point without consulting the USFWS and California Dept. of Fish and Wildlife.</p>					
<b>HISTORICAL/CULTURAL GUIDELINES</b>					
<b>10. Prepared By</b>		<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>
Steve Browne		05/29/2015 14:00	D. Sobieski <i>MS</i>	05/29/2015 17:00	Chris Gregory <i>CYP</i>
<b>ASSIGNMENT LIST</b>		05/29/2015 18:52			ICS 204-CG (Rev 10/07)



- Leave cultural materials in place at the site of discovery, and mark its location.
- Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.

**Report All Injuries require a immediate notification to Direct Supervisor.**

**9. Communications (radio and/or phone contact numbers needed for this assignment)**

Name/Function	Radio Freq./System/Channel	Phone	Cell/Pager
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**Emergency Communications**

<b>Medical:</b> 911	<b>Evacuation:</b> 911	<b>Other:</b> 911
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<b>10. Prepared By</b>	<b>Date/Time</b>	<b>11. Reviewed By (PSC)</b>	<b>Date / Time</b>	<b>12. Reviewed By (OSC)</b>	<b>Date / Time</b>
Steve Browne	05/29/2015 14:00	D. Sobieski	05/29/2015 17:00	Chris Gregory	05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:52		ICS 204-CG (Rev.10/07)	

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>Assignment List</b> ATTACHMENT ICS 204a
<b>3. Branch</b>		<b>4. Division/Group/Staging</b> SCAT			
<b>5. Strike Team/Task Force/Resource(Identifier)</b>		<b>6. Leader</b>		<b>7. Assignment Location</b>	
<b>Team</b>		<b>Team Leader</b>			
<b>8. Work Assignment Special Instructions, Special Equipment/Supplies Needed for Assignment</b>					
<p><b>Habitat-specific Measures</b> These measures are intended to minimize impacts to all biological resources within the habitat and should be implemented to the extent possible regardless of whether listed species are present.</p> <p><b>Marine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering kelp beds as much as possible.</li> <li>• Avoid boat traffic traveling near or through flocks of seabirds resting in the water.</li> <li>• Have a wildlife monitor present on all boats.</li> <li>• No spill response activities should take place within 1,000 feet of nesting seabirds.</li> <li>• If a sea otter is observed, keep all response activities as far away from the animal(s) as possible until an expert can be consulted.</li> </ul> <p><b>Riparian</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted areas as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• The number of access routes, size of staging areas, and the total area of the response should be limited to the minimum necessary to achieve the mission.</li> <li>• During the typical breeding season for riparian birds (March 1 – September 15), a biologist should survey riparian vegetation to identify, flag and avoid nests as much as possible.</li> <li>• Vegetation should be hand trimmed to remove affected portions as necessary; roots should be left in place.</li> <li>• Response activities should avoid or minimize changes in channel morphology.</li> <li>• No heavy equipment (bobcats, back hoes, etc.) or earth moving in, or next to the creek shall be used without prior DFW approval.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• For areas potentially occupied by California red-legged frogs, least Bell's vireos, southwestern willow flycatchers, see species-specific minimization measures.</li> </ul> <p><b>Sandy Beach/Dune</b></p> <ul style="list-style-type: none"> <li>• Avoid entering vegetated dune habitat as much as possible.</li> <li>• If vehicle traffic is required in the beach, travel should be restricted to the wet sand as much as possible and should avoid driving over wrack.</li> <li>• Vehicle traffic should be operated at slow enough speeds to avoid/minimize impacts to wildlife (approximately 5 to 10 miles per hour).</li> <li>• Use pre-existing access routes through dune habitat; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Manual oil removal techniques should be used as much as possible.</li> <li>• All trash or anything that would attract wildlife to the work area should be removed on a daily basis.</li> <li>• Dead oiled wildlife should be removed or buried to minimize the secondary oiling of scavenging species.</li> <li>• For areas potentially occupied by western snowy plovers and/or California least terns, see species-specific minimization measures.</li> </ul> <p><b>Estuarine</b></p> <ul style="list-style-type: none"> <li>• Avoid entering wetted habitat as much as possible.</li> <li>• Avoid disturbing vegetation as much as possible.</li> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• A biologist should be present throughout the duration of the cleanup activities.</li> <li>• Any listed plant species should be flagged and avoided.</li> <li>• A biologist should look for nests and establish suitable buffer areas to prevent impacts.</li> <li>• For areas potentially occupied by tidewater gobies or light-footed clapper rails, see species-specific minimization measures.</li> </ul> <p><b>Coastal Bluff</b></p> <ul style="list-style-type: none"> <li>• Utilize existing access routes; if new access routes are necessary a biologist should be consulted on their location.</li> <li>• Previously-disturbed areas should be used for equipment staging and vehicle parking to the maximum extent practical.</li> <li>• Any listed plant species should be flagged and avoided.</li> </ul> <p><b>Species-specific Measures</b> These measures are specifically targeted to minimize impacts to listed species during initial response. USFWS should be contacted immediately to provide incident-specific measures to best protect these species.</p> <p><b>Tidewater goby</b></p> <ul style="list-style-type: none"> <li>• Equipment and foot traffic entering wetted areas should be avoided to the maximum extent practical to prevent crushing tidewater gobies, their burrows, and eggs.</li> <li>• If supplemental water is used to flush culverts recommend gradually increasing the intensity/volume during the flush, as tidewater gobies aren't strong swimmers and could be injured or killed if there were sudden high currents. As the flow is being gradually increased, a biologist should be monitoring the culvert exit for tidewater gobies.</li> <li>• Prior to initiation of any dewatering or diversions, a qualified biologist should install 1/8 inch block nets outside the impact areas to exclude tidewater gobies. If widely separated sites are involved, more than one set of block nets should be placed to protect the work area. The nets should be installed</li> </ul>					
<b>10. Prepared By</b> Steve Browne	<b>Date/Time</b> 05/29/2015 14:00	<b>11. Reviewed By (PSC)</b> D. Sobieski	<b>Date / Time</b> 05/29/2015 17:00	<b>12. Reviewed By (OSC)</b> Chris Gregory	<b>Date / Time</b> 05/29/2015 17:00
<b>ASSIGNMENT LIST</b>		05/29/2015 18:52		ICS 204-CG (Rev.10/07)	

on the first day of work and monitored thereafter for the duration of the work.

- Once the block nets are secured, qualified biologist(s) should remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.
- If activities requiring block nets cannot be completed in one day, a new set or successive sets of block nets should be deployed each day, and subsequent surveys and capture/relocation performed accordingly. Fish released from one day's work should not be released into areas projected to be excavated on successive days.
- Should dewatering occur, any pumps used should be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.
- Prior to initiation of activities within occupied habitat, an informal tailgate session should be performed in order to inform response personnel about the tidewater goby avoidance/minimization measures to be implemented during the response.

Least Bell's vireos and/or southwestern willow flycatchers

- Disturbance of riparian vegetation should be avoided as much as possible.
  - A qualified biologist should conduct surveys within suitable habitat for least Bell's vireos and southwestern willow flycatchers during the nesting season (March 1 – September 15) prior to disturbance of riparian vegetation to identify and establish exclusion buffers around any nests (generally at least 500 feet).
  - Manual equipment should be used in occupied habitat as much as possible to minimize disturbance from noise.
  - If vegetation removal is required, roots should be left in place as much as possible.
  - A qualified biologist should be present as much as possible during activities that impact suitable habitat.
- California least tern and/or Western snowy plover
- All responders should be informed of the potential for western snowy plovers and/or California least terns to be impacted and of the avoidance/minimization measures being implemented.
  - A qualified biologist should identify areas that may contain nests or chicks, and any entry into these areas should be avoided.
  - Any work required within nesting areas should be accompanied by a qualified biologist.
  - A qualified biologist should identify and demarcate access and egress routes.
  - The number of vehicles and number of vehicle trips should be reduced to the minimum needed to achieve the mission.
  - All activities near nests or chicks should occur on the lower beach (wet sand), if possible.
  - Watch for and avoid western snowy plovers sheltering in tire tracks and sandy depressions.
  - If vehicles are used, speed should be kept to less than 10 mph, and vehicles should remain on the lower beach (wet sand), if possible. If it is not possible to remain on the lower beach (e.g., it is high tide), responders should stop every 100 m and scan ahead with binoculars to look for western snowy plovers and California least terns on the beach.
  - The amount of wrack, shells, and natural debris removed from the beach should be minimized. If shoreline pre-cleaning is necessary, debris should be stockpiled in an appropriate location (avoiding nesting locations) and returned to the beach after the threat of oil is gone, to the extent practical.

California red-legged frog

- A qualified biologist should survey the work area prior to the onset of response activities to identify California red-legged frog egg masses, tadpoles, juveniles and adults.
- All egg masses should be avoided as much as possible and should only be relocated by a qualified biologist if oiling is imminent or response activities are sure to injure or kill the eggs.
- Tadpoles, juveniles and adults that could be injured or killed by exposure to oil or response activities should be relocated by a qualified biologist to a nearby suitable habitat that would not be impacted by response activities (ideally, upstream in the same drainage, or in the same watershed).
- After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected daily and should not be expected to completely prevent re-entry.
- After California red-legged frogs have been relocated outside of the work area, exclusion fencing (silt fence or similar) can be installed to minimize frogs from re-entering the work area. Fences should be inspected by a qualified biologist each morning and should not be expected to completely prevent re-entry.
- Open excavations and trenches should be covered each night to prevent entrapment of frogs.
- If vegetation removal is necessary, roots should remain in place as much as possible.

9. Communications (radio and/or phone contact numbers needed for this assignment)

<input type="checkbox"/> Map/ Chart	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Prepared By	Date/Time	11. Reviewed By (PSC)	Date / Time	12. Reviewed By (OSC)	Date / Time
Steve Browne	05/29/2015 14:00	D. Sobleski	05/29/2015 17:00	Chris Gregory	05/29/2015 17:00

ASSIGNMENT LIST

05/29/2015 18:52

ICS 204-CG (Rev. 10/07)

490F77

1. Incident Name  
Refugio Incident

2. Operational Period (Date/Time)  
From 05/30/2015 07:00 To 06/01/2015 06:59

Operational Period  
Ops Period 10

INCIDENT RADIO COMMUNICATIONS PLAN  
ICS 205-CG

3. BASIC RADIO CHANNEL USE

SYSTEM / CACHE	CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMARKS
Offshore Group	VHF 10	Vsl to Vsl			Clean Seas
Onshore Group			Cell phones		Pete Espanza, Supervisor 562 244-1190
Air Ops	Marine VHF 10 & 16	Air to Ground/Surface to Air	123.02		
C.G. Surface vessels	VHF 16	Hailing	VHF 113 (working)		
Commercial Helo	VHF 10				Clean Seas contract helo
UHF	2	Tactical		FOBs Team	Communications between FOB Teams

4. Prepared by (Communications Unit)

SPROWNE

Date / Time  
05/29/2015 12:09

Page  
1 of 1

INCIDENT RADIO COMMUNICATIONS PLAN

05/29/2015 18:35

ICS 205-CG (Rev. 07/04)

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1. Incident Name  
Refugio Incident

2. Operational Period (Date/Time)  
As of: 0529 1630 hrs

COMMUNICATIONS LIST  
ICS 205A-CG

3. Basic Local Communications Information			
Last Name	First Name	Organization	Phone
Abbey	Zack	Stantec	(805) 444-9262
Abdohintzman	Kholood	Applied Earthworks	(909) 496-7136
Abe	Kelly	Ca Fish & Wildlife	(916) 216-3964
Abrams	Ricard	SB Co EM	(805) 896-6371
Adam	Peter	SB Co Supervisor	
Addassi	Yvonne	OSPR	(916) 956-1162
Ajari	Todd	Ca Fish & Wildlife	(707) 322-4300
Almanza	Carlos	SB Co	(805) 451-3870
Alton	Joshua	Coast Guard	(503) 931-3816
Altstatt	Jessica	OSPR	(805) 708-8682
Alvis	Kim	CTEH	(501) 766-1515
Ames	Arianna	Weber Shandwick	(631) 327-3537
Amon	George	Coast Guard	(262) 995-8188
Andersen	Ryan	Plains	(281) 224-9891
Anderson	Peter	Coast Guard	(805) 896-6792
Anderson	Michael	OSPR	(916) 826-1136
Anderson	Kile	Worley	(225) 266-4482
Angus	Deana	NOAA	(408) 623-5323
Arganda	Dominic	CHF	(805) 878-7504
Arkininstall	Leonard	Ca Fish & Wildlife	(949) 289-3757
Armas	Lidia	Ca OES	(916) 340-5893
Armstrong	Greg	Plains	(713) 646-4100
Arndt	Elsa	SB OEM	(805) 681-5524
Arredondo	Juan	Patriot Environmental	(661) 340-9779
Arrington	Eleanor	UC SB	(585) 698-6296
Arrington	Bill	US DOT	(909) 677-7049
Backus	Dave	CTEH	(901) 496-6658
Baernstein	Melissa	Stantec	(909) 362-3942
Bafia	John	Coast Guard	(202) 725-6364
Bailey	Julie	NOAA	(805) 235-8022
Baker	Phil	CTEH	(501) 804-8138
Barbier	Brian	Applied Earthworks	(530) 848-3253
Barradas	Katia	CERT	(805) 319-2623
Barriga	Gonzalo	LA FD Inv	(213) 725-8862
Bassin	Rich	Coast Guard	(732) 433-0380
Beal	John	Coast Guard	(440) 315-0765
Beckwith	Chris	OSPR	(916) 591-0343
Beene	Jamie	ISS	(903) 570-8958
Benavides	Jose	Patriot Environmental	(661) 340-7887
Benninghoven	Sheri	SB Co CEO	(805) 450-4886

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**1. Incident Name**  
Refugio Incident

**2. Operational Period (Date/Time)**  
As of: 0529 1630 hrs

**COMMUNICATIONS LIST**  
ICS 205A-CG

Berg	Mike	CTEH	(501) 517-5712
Berg	Catherine	NOAA	(907) 529-9157
Bergeron	Jason	WOB	(281) 414-7742
Berman-Kowalewski	Michelle	NOAA	(805) 896-0858
Bernard	Matt	Stantec	(401) 369-4355
Bess	David	Ca Fish & Wildlife	(916) 718-7713
Beveridge	Dave	OSPR	(916) 919-6431
Bicksler	Scott	Aerotek	(951) 543-8161
Bingham	Shauna	NOAA	(805) 893-6421
Bishop	Jonathan	Ca Coastal Comm	(415) 693-8375
Black	Dianne	SB Co	(805) 886-4367
Black	Ned	US EPA	(415) 686-3994
Blackerby	Hillary	CERT	(760) 285-7025
Blevins	Jason	Plains	(281) 217-4846
Blumenfeld	Jared	US EPA	(415) 215-2375
Bode	Denise	Plains	(405) 818-1775
Boelhouwer	Steve	SB ICT	(805) 568-2656
Boggs	Melissa	Ca Fish & Wildlife	(805) 558-1005
Boisen	Kent	SB Co FD	(805) 755-3120
Bonham	Chuck	Ca Fish & Wildlife	
Bontty	Mona	Ca OES	(562) 673-0411
Borlas	Chris	Applied Earthworks	(772) 453-1074
Bosma	Bonnie	CERT	(805) 455-7572
Bourgeois	Shelley	Pace Analytical	(225) 337-6253
Boyce	Jen	NOAA	(562) 243-4696
Boyd	Shawn	Ca OES	(916) 201-7666
Bradley	Jim	OSPR	(916) 292-2616
Brady	Bryce	Ca Volunteers	(818) 414-3889
Braund	Trevor	Clean Seas	(954) 294-5597
Brazer	Mara	Brazer Comm	(415) 305-6677
Bridges	Max	OSPR	(707) 583-3131
Briggs	Errin	Co SB Planning	(805) 568-2047
Broadhurst	Danny	Global Diving	(805) 509-0701
Bronson	Collin	Coast Guard	(562) 879-1141
Broughton	Julie	Stantec	(805) 405-5851
Browne	Steve	WOB	(516) 457-2571
Bruce	Ian	EPA START	(509) 845-5547
Bryant	Wade	C-K Associates	(404) 630-2123
Buchanan	James	Plains	(661) 437-1459
Buie	Greg	Coast Guard	(202) 494-9091
Bursek	Julie	NOAA	(805) 893-6422
Buttram	Andrew	Pacific Petro	(805) 680-3809

**1. Incident Name**  
Refugio Incident

**2. Operational Period (Date/Time)**  
As of: 0529 1630 hrs

**COMMUNICATIONS LIST**  
**ICS 205A-CG**

Byrd	Mary	EPIC	(805) 961-8833
Byrd	Brian	Plains	(601) 467-5266
Cabral	Santos	Ca Fish & Wildlife	(949) 289-2928
Caddell	Steven	Plains	(562) 607-7991
Cadenhead	Steve	WOB	(850) 605-6046
Caesar	Jim	UC SB	(805) 450-1437
Cafasso	Sarah	US EPA	(978) 944-1946
Caillouet	Josh	CTEH	(985) 637-1220
Calanog	Steve	US EPA	(415) 595-8350
Caliguire	Mike	Patriot Environmental	(510) 965-3691
Caraway	Katy	Coast Guard	(505) 400-6304
Carbajal	Salud	SB Co Supervisor	
Cardell	Debbie	Plains	(661) 472-0956
Carlton	Jeff	Plains	(925) 765-3275
Carreon	Michel	Coast Guard	(609) 439-3219
Carswell	Lilian	US Fish & Wildlife	(805) 612-0975
Castellana	Ben	EPA START	(818) 371-5388
Castro	Guy	Plains	(562) 756-2647
Cazabat	Anthony	CERT	(805) 448-1338
Cazier	Josh	SB Co FD	(805) 896-6333
Chafey	Suzette	CERT	(805) 452-2677
Chang	Lena	US Fish & Wildlife	(818) 389-3156
Chanley	Bob	AECOM	(805) 448-9320
Chastain	Dennis	Ca Fish & Wildlife	(562) 505-8988
Chavez	Andrew	BCM	(805) 316-0087
Chedsey	Bob	OSPR	(707) 416-6038
Chickering	Robert	Adv BioCatalytics	(949) 887-9509
Childs	Carl	NOAA	(206) 856-8815
Christensen	Shellee	Coast Guard	(541) 999-0156
Chuop	Khamly	Stantec	(510) 999-0647
Clark	Heather	Coast Guard	(251) 680-7911
Clute	Cathy	Cathy Klute CSR	(805) 698-8719
Cobb	Heath	CTEH	(870) 918-1266
Cochran	Nick	EPA START	(858) 335-8392
Cohen	Scott	Ca Fish & Wildlife	(805) 207-6312
Collins	Cliff	OMI	(225) 329-8112
Conely	Mike	Ca Fish & Wildlife	(559) 974-5837
Connell	Mike	Ca Fish & Wildlife	(805) 331-1867
Corbo	Christian	Ca Fish & Wildlife	(310) 864-5299
Cork	Don	CERT	(805) 403-0715
Costlow	Jeremy	ISS	(903) 714-6172
Council	Jim	Coast Guard	(954) 649-4192

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**COMMUNICATIONS LIST**  
ICS 205A-CG

Couture	Randy	Stantec	(805) 427-4863
Cox	Nat	Ca State Parks	(805) 320-7521
Cox	Gery	OSPR	(805) 801-9272
Craddock	Spike	Patriot Environmental	(805) 680-2050
Crafton	Stephen	SB Co	(805) 453-1089
Creighton	Kent	Patriot Environmental	(562) 310-6969
Crestfield	Lori	SB Co Probation	(805) 882-3663
Crider	Ryan	Plains	(504) 453-9724
Crochet	William	Plains	(281) 536-8172
Crooks	Patrick	Stantec	(805) 637-2742
Crossland	Mark	Ca Fish & Wildlife	(805) 550-2729
Cullen	Thomas	OSPR	(510) 517-8314
Cummings	Stacy	NOAA	(202) 440-3521
Daniel	Travis	Coast Guard	(850) 696-9204
Dann	Jeffrey	Plains	(713) 201-3548
Darg	Teresa	COCC	(805) 757-4096
Dargle	Joe	AECOM	(805) 245-2367
Darst	Cat	US Fish & Wildlife	(805) 607-9937
Davis	Cory	CTEH	(501) 258-7881
Dayton	Jeff	OSPR	(707) 498-0518
Dean	Charity	SB Co Public Health	(805) 896-2229
Delgado	Ruben	Patriot Environmental	(562) 244-4408
Dellith	Chris	US Fish & Wildlife	(805) 644-1766
Deppe	Darlene	Ca State Parks	(805) 338-0172
Diamond	Walter	OMI	(504) 236-0085
Dibenedetto	John	US DOE	(805) 681-2240
Dicken	Ian	SB ICT	(805) 315-5256
Dieatrick	George	Plains	(562) 756-2266
Diel	Chris	US Fish & Wildlife	(805) 223-1718
Dillard	John	Weber Shandwick	(917) 501-8155
Dinarte	Rudy	Applied Earthworks	(760) 490-3413
Doane-Allmon	Julie	AECOM	(805) 455-5042
Doiron	Katherine	NOAA	(781) 654-7889
Donohoe	Regina	Ca Fish & Wildlife	(916) 616-0723
Donohue	Keith	Coast Guard	(415) 320-5345
Dorsey	Matt	NOAA	(315) 278-0922
Doss	Ryan	Coast Guard	(305) 542-8127
Dostal	Jamie	Ca Fish & Wildlife	(805) 207-6453
Doty	Ima	OSPR	(916) 215-3858
Douma	Jason	Clean Harbors	(231) 384-5451
Draguesku	Colleen	US Fish & Wildlife	(949) 378-6513
Dugan	Jenny	OSPR	(805) 455-6165

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**COMMUNICATIONS LIST**  
ICS 205A-CG

Dugger	Roy	Applied Earthworks	(805) 757-1742
Dumont	Shana	Stantec	(587) 336-2957
Dunn	Chris	Stantec	(805) 813-0798
Dunphy	Jason	US DOT	(303) 956-1873
Dyer	Michael	SB OEM	(805) 681-5526
Ebel	Sharon	BCM	(805) 895-0008
Edblad	Scott	Stantec	(661) 754-0862
Edelson	David	Coast Guard	(609) 556-5212
Eidman	Mike	Plains	(281) 217-3707
Ellerbe	Robin	Coast Guard	(510) 388-0507
Elliott	Bonnie	CERT	(805) 682-7072
Emrick	Brenda	CERT	(714) 906-5248
Encinas	Liliana	SB Co FD	(805) 284-2045
Engle	John	OSPR	(805) 705-1768
Enos	Woody	SB Co FD	(805) 896-6404
Erlandson	Jon	Historical Dynamics	(541) 285-7346
Esparza	Bea	WCES	(562) 244-1211
Espinoza	Jesica	US Fish & Wildlife	(310) 678-4903
Estabrook	Adam	SB Co FD	(805) 895-9290
Etre	Neal	NOAA	(617) 416-3555
Ewing	Greg	OSPR	(916) 203-6213
Fardig	Thomas	Stantec	(805) 341-2396
Fargas	Dawn	SB Co	(805) 403-0688
Farr	Doreen	SB Co Supervisor	
Faurot-Daniels	Ellen	Ca Fish & Wildlife	(831) 233-0723
Fearon	Anne	SB Co	(805) 835-5718
Fenske	Jacob	CTEH	(501) 584-8239
Ferguson	John	NOAA	(805) 341-0422
Ferguson	Jeffrey	NOAA	(301) 351-7798
Ferguson	Kelly	SYCM	(805) 245-6294
Ferrari	Dominic	Plains	(562) 756-2538
Filipchuk	Greg	Plains	(403) 852-8707
Fitzgerald	Tara	EPA START	(650) 784-1633
Flaharty	Terrell	Plains	(504) 214-7657
Fletcher	Chelsea	Ca State Parks	(805) 705-6228
Fletcher	Elizabeth	Plains	(713) 806-5871
Flolid	Nick	CRA	(651) 233-3731
Flores	David	Coast Guard	(510) 332-3525
Folkes	Isa	COCC	(805) 506-1227
Ford	Bob	Ca Fish & Wildlife	(916) 508-2863
Fordham	Randy	Plains	(661) 332-9164
Foreman	Peter	CTEH	(501) 258-0582



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**COMMUNICATIONS LIST**  
**ICS 205A-CG**

Foss	Steve	OSPR	(916) 416-8908
Fossum	Drew	Plains	(587) 284-3787
Foto	James	OSPR	(310) 683-3032
Franco	Rudy	CHF	(805) 406-8918
Frangis	Alexis	Ca DPR	(805) 207-9469
Frash	Jason	BRI	(805) 758-8301
Friberg	Christina	Applied Earthworks	(201) 615-2751
Fricke	Mary	Ca Fish & Wildlife	(916) 417-0210
Fridlund	Jeff	Plains	(818) 746-6755
Fula	Luis	US EPA	(562) 913-2838
Fula Jr	Luis	US EPA	(562) 546-9858
Fusilier	Warren	Plains	(713) 201-3911
Gallant	Natasha	OSPR	(916) 716-1665
Gamble	Lynn	Applied Earthworks	(619) 990-3250
Garcia	Henry	ACTI	(661) 979-8677
Garcia	Sau	Ca Fish & Wildlife	(562) 843-2714
Garcia	Cheyenne	Ca Volunteers	(916) 914-3386
Garcia	Paco	CERT	(805) 451-6586
Garcia	Janet	COCC	(805) 451-8757
Garcia	Quntan	COCC	(805) 835-2328
Garcia	Tawnee	COCC	(805) 806-5839
Gardner	Terry	Pacific Petro	(805) 868-9008
Gardner-Cox	Peter	WOB	(206) 914-5131
Garner	Tom	CERT	(805) 689-5438
Geis	Robert	SB Co	(805) 896-4210
Gellerman	Holly	OSPR	(916) 747-0611
Geraghty	Brandon	WOB	(562) 217-0791
Geyer	Angelique	Coast Guard	(415) 720-4160
Ghilarducci	Mark	Ca OES	
Ghizzoni	Mike	SB Co Counsel	
Giambo	Joseph	CERT	(805) 729-0246
Gibbons	Tom	Pacific Petro	(805) 310-7625
Gibson	Chris	Coast Guard	(619) 300-4322
Gibson	Steve	OSPR	(562) 598-2849
Gibson	Desmond	US DOT	(562) 484-8851
Gicuhi	Ngiabi	Plains	(562) 489-6466
Gilliland	Ken	Stantec	(805) 290-0541
Giovanacci	Anthony	SB OEM	(805) 636-6983
Glick	Michael	BRI	(805) 450-6487
Goglia	Michael	Coast Guard	(610) 517-2318
Gold	Jennifer	Ca Fish & Wildlife	(805) 450-8695
Goleman	David	OSPR	(707) 738-1468

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**COMMUNICATIONS LIST**  
ICS 205A-CG

Gollhofer	Bryan	Ca Fish & Wildlife	(562) 707-7757
Gonzales	Jo Anne	Plains	(661) 336-7901
Gonzalez	Steve	OSPR	(916) 539-6124
Gooch	George	Plains	(562) 843-3551
Gore	Dean	Plains	(713) 498-5760
Gorham	Bill	Plains	(805) 377-9336
Gorman	Mark	Plains	(713) 725-1193
Gratcofsky	Joe	US DOT	(303) 725-3200
Graves	Matt	WGR	(724) 584-7885
Gray	Jerry	SB Co FD	(805) 967-3956
Green	Amanda	Coast Guard	(562) 472-5352
Green	Jerry	Plains	(432) 638-3172
Greene	Melinda	SB Co	(805) 689-9276
Greenman	Justin	NOAA	(815) 354-1864
Greer	Matt	Plains	(661) 204-7661
Gregory	Gary	WOB	(714) 642-3496
Gregory	Chris	WOB	(702) 802-1849
Grennan	James	Ca State Parks	(805) 909-1219
Griffin	Eric	SB Co	(603) 359-8287
Grimmasey	Suzanne	SB ADMHS	(805) 886-5403
Grosso	Diana	CDFW	(661) 426-5276
Gudino	Araceli	Plains	(310) 606-0482
Guerreiro	Greg	WOB	(949) 363-3095
Guevara	Pastor	Ca OES	(562) 338-8440
Gustafson	Guphy	OSPR	(916) 743-3837
Gutierrez	Antonio	ISS	(951) 640-8049
Guzman	Jason	Patriot Environmental	(805) 755-3322
Guzzardi	Joe	COEM	(805) 681-5542
Ha	Ruth	Plains	(562) 221-3937
Haffner	Craig	OSPR	(707) 718-6948
Hagan	Julia	BSSE	(805) 377-3872
Hall	Susan	Stantec	(317) 294-7292
Hamilton	Paul	Ca Fish & Wildlife	(530) 713-1517
Hammond	Skip	Plains	(805) 310-2064
Hampton	Steve	OSPR	(916) 956-0949
Hanson	Renn	NOAA	(206) 949-8025
Harris-Bishop	Rusty	US EPA	(415) 972-3140
Hartig	Rich	Plains	(562) 453-6926
Harz	Erik	AECOM	(805) 729-2679
Haslam	Lee	Plains	(903) 918-4360
Haslouer	Leeann	Applied Earthworks	(805) 895-2947
Hastings	Sean	NOAA	(805) 705-1790

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## 1. Incident Name

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## COMMUNICATIONS LIST

ICS 205A-CG

Haug	Tom	WOB	(562) 217-3511
Hawley	Georganna	Applied Earthworks	(805) 760-3175
Headrick	Tylor	SB OEM	(917) 723-3441
Heckman	Ropb	SB Co FD	(805) 681-5501
Heddinger	Holly	Coast Guard	(707) 267-5576
Henderson	John	US Fish & Wildlife	(916) 799-0588
Henkel	Laird	OSPR	(831) 212-7665
Henning	Kirk	Stantec	(805) 995-4050
Henry	Stephen	US Fish & Wildlife	(805) 701-5744
Henson	Chris	SB Co	(805) 568-2197
Herman	Stephanie	OSPR	(530) 979-6099
Hernandez	Juan	Coast Guard	(310) 592-3671
Hernandez	Claudio	SB Co FD	(805) 896-6339
Hicks	Eric	Stantec	(619) 246-0951
Hiltz	Jim	Coast Guard	(734) 634-7696
Hjelstrom	Eric	Ca DPR	(805) 331-2740
Hochleutner	John	Pacific Petro	(805) 260-5000
Hodgins	Patrick	Plains	(281) 467-3658
Hoffman	Michaela	Padre	(949) 632-1042
Holland	Lora	Coast Guard	(409) 527-2022
Holmes	John	ACTI	(310) 734-9125
Holt	Jesse	Plains	(918) 521-9421
Hooper	Michael	LA OEM	(213) 792-4237
Hoover	Kelly	SB SO	(805) 636-3478
Hoppa	Kristin	Applied Earthworks	(310) 266-0295
Hopper	Deborah	CERT	(805) 735-1560
Horn	Michael	OSPR	(760) 964-2312
Hosking	Scott	SB Co	(805) 896-2902
Houston	Ken	Global Security	(405) 250-1882
Hubbard	David	UC SB	(805) 698-1119
Hudson	Jennifer	OSPR	(916) 548-2683
Huston	Kelly	Ca OES	(916) 607-7657
Hutchinson	Dan	AECOM	(805) 431-1229
Huyett	JB	NOAA	(410) 940-9933
Ikemoto	Jennifer	Ca Fish & Wildlife	(916) 201-8010
Ikerd	Ike	Clean Seas	(805) 455-5500
Imai	Randy	OSPR	(916) 826-5271
Ingamells	Matt	Stantec	(805) 701-0245
Isha	Luhui	Wishtoyo	(805) 729-7692
Islava	Bill	Flamesniffer	(805) 418-7979
Ives	Genelle	SB Co	(949) 677-4129
Jacobs	Todd	NOAA	(805) 455-1981

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**COMMUNICATIONS LIST**  
ICS 205A-CG

Jacoby	James	Plains	(562) 305-2406
Janousek	Matt	Plains	(805) 320-4592
Jaqua	Allison	Applied Earthworks	(805) 280-5560
Jaques	Deborah	CDFW	(503) 298-0599
Jellison	Kyle	WOB	(954) 218-4935
Jennings	Kathleen	OSPR	(707) 372-0103
Jernigan	Kathleen	Applied Earthworks	(559) 392-5840
Joab	Bruce	Ca Fish & Wildlife	(916) 826-0166
Johnsen	Jeff	Stantec	(630) 991-0211
Johnson	Amanda	Ca Fish & Wildlife	(916) 539-8040
Johnson	Gabriela	CERT	(562) 296-7533
Johnson	Seth	Coast Guard	(646) 417-0335
Johnson	Ashley	Coast Guard	(906) 373-9499
Johnson	Cathy	US Fish & Wildlife	(916) 622-3163
Johnson	Stephanie	US Fish & Wildlife	(310) 743-5849
Johnson	Cordell	USGS	(530) 906-3959
Johnson	Curt	WOB	(774) 238-2660
Johnston	Stewart	SB Co CEO	(805) 680-7637
Johnston	Jason	SB Co Public Health	(805) 315-5805
Jolly	Danica	Coast Guard	(575) 581-0060
Jones	Kevin	SB Co FD	(805) 717-2332
Jones	Steve	Special Tech Lab	(805) 403-5603
Jude	Jason	Pace Analytical	(916) 591-9177
Jung	Mike	Arcadis	(626) 658-1104
Kaplan	Steven	Plains	(281) 460-6744
Kaplan	Erin		(713) 398-4767
Katchmar	Peter	US DOT	(303) 807-8458
Kelly	Sean	Ca Fish & Wildlife	(707) 322-2176
Kelly	Tami	Plains	(925) 640-9997
Kennedy	Kirsten	Plains	(832) 993-5264
Kennedy	Douglas	Plains	(713) 376-5375
Kerr	Jim	Stantec	(303) 807-4702
Kiatos	Jim	OSPR	(562) 343-8363
Kidd	Daija	COCC	(805) 325-3637
Kidd	Cheston	COCC	(805) 617-6872
Kimura	Scott	OSPR	(805) 550-1449
King	Erik	Coast Guard	(607) 341-3331
Kippes	Lanny	Plains	(562) 221-4510
Kirchner	Michael	Ca Fish & Wildlife	(831) 901-6369
Kirkwood	Neil	SB Co	(805) 331-3836
Kivenson	Veronika	UC SB	(646) 385-3626
Klaib	Jennifer	Stantec	(805) 704-8036

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**COMMUNICATIONS LIST**  
ICS 205A-CG

Klein-Rothschild	Susan	SB Co	(805) 896-1057
Kliethermes	Derek	CTEH	(573) 673-3183
Kluge	Christine	OSPR	(916) 445-9326
Koenig	Rob	Plains	(281) 814-7627
Kong	Corey	Ca Fish & Wildlife	(562) 477-7081
Kontos	Michael	Plains	(213) 663-9784
Kossoff	George	SB Co	(805) 896-2224
Kuhlman	Chris	CTEH	(501) 247-3871
Kushnerov	Valerie	City of Goleta	(805) 689-8044
LaDuke	Yvette	Ca OES	(714) 330-1026
Laiblin	Eric	Plains	(661) 910-4014
LaMoria	Brian	Coast Guard	(443) 834-6302
Lankenau	Doug	OSPR	(415) 710-0243
Lankford	Jeff	NOAA	(206) 799-1671
Lapiers	Spencer	UP RR	(714) 321-5413
Larson	Dane	SB Co	(805) 680-5444
Larson	Terry	US DOT	(303) 513-7026
Laughlin	Eric	Ca Fish & Wildlife	(916) 214-3279
Lavagnino	Steve	SB Co Supervisor	
Lavin-Jones	Joy	OSPR	(916) 616-0355
Lawrence	Kyle	CTEH	(501) 366-2698
Leaon	Sharron	Ca Volunteers	(916) 834-0846
Leaver	Robert	SB Co IT	(805) 636-3715
Leavitt	Andrew	Arcadis	(401) 829-6628
Lebow	Clayton	Applied Earthworks	(805) 895-2958
Ledig	David	BLM	(831) 630-5006
Leggett	Jeremy	Coast Guard	(415) 419-1256
Leggett	Chris	IEC	(603) 892-1064
Lehr	Kathryn	AECOM	(805) 366-2747
Leifer	Ira	BRI	(805) 252-3636
Leighton	Jennifer	Padre	(805) 644-2220
Lemkau	Karin	UC SB	(937) 681-0315
Lent	Dan	OSPR	(510) 220-4192
Lent	Hannah	SYCM	(805) 944-0421
Leone	Brad	Plains	(281) 806-9911
Letter	Chris	Padre	(847) 656-6654
Liberts	Stacy	SB Co	(805) 451-8468
Lipton	Scott	OSPR	(916) 798-5087
Little	Annie	US Fish & Wildlife	(760) 522-2567
Lloyd	Jay	Applied Earthworks	(559) 287-2137
Long	Lloyd	CTEH	(501) 258-7139
Lopez	Barbara	BCM	(805) 689-9528

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**1. Incident Name**  
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**COMMUNICATIONS LIST**  
ICS 205A-CG

Lopez	Mary	BCM	(805) 453-7355
Lorenson	Tom	USGS	(650) 642-5627
Loyst	Dennis	City of Goleta	(805) 962-0763
Loza	Arturo	Plains	(701) 440-1643
Lulejian	Jerry	SB Co DA	(805) 709-2631
Lumpkin	Mike	CTEH	(501) 366-8304
Luzader	John	Coast Guard	(805) 455-1754
Lyons	David	Ca Fish & Wildlife	(562) 666-5039
MacArthur	Jon	WOB	(623) 229-8875
MacFadyen	Amoreena	NOAA	(206) 849-9953
Machado	Raymundo	Patriot Environmental	(310) 567-5655
Mack	Becky	OSPR	(916) 216-1303
Mahoney	Lourdes	CTEH	(813) 391-4657
Majel	Lucia	COCC	(951) 514-9789
Majel	Jolene	COCC	(951) 520-6948
Majel	Al	COCC	(951) 834-3655
Maldonado	Danny	CTEH	(281) 900-9712
Malone	Jacob	BCM	(805) 689-6884
Marcoux	Tom	Coast Guard	(562) 453-6117
Marek	Jenny	US Fish & Wildlife	(805) 402-6612
Marn	Carolyn	US Fish & Wildlife	(916) 798-7959
Marshall	Kathleen	SYCM	(805) 245-0742
Martinez	Jacqueline	Ca OES	(714) 520-1833
Martins	Pedro	WOB	
Marvin	Karen	Plains	(562) 756-2575
Mason	Mark	Stantec	(805) 341-1492
Mati	Waiya	Wishtoyo	(805) 794-1248
Matthews	Meredith	Plains	(281) 217-0042
Mayberry	Robert	Ca OES	(916) 201-3739
McAninch	Dustin	Coast Guard	(310) 935-8729
McCarthy	Whitney	SB Co	(805) 568-2659
McCarthy	Sean	Weber Shandwick	(347) 685-3011
McCarthy	Glenn	West Coast Enviro	(714) 234-0999
McCaw	Paul	SB EHS	(805) 896-6344
McClellan	Sheridan	Coast Guard	(860) 326-4334
McCleneghan	Kim	OSPR	(916) 956-6603
McClure	Bill	Global Security	(405) 850-2898
McClure	Mark	LK Mizota & Assoc	(805) 452-2405
McGlinchey	Yolanda	SB City	(805) 331-2414
Mcgowan	Kevin	Ventura Co OES	(805) 797-6450
McKenna	Cameron	Flamesniffer	(805) 418-7979
McKinney	Tyson	Ca DOGGR	(805) 440-7280

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**COMMUNICATIONS LIST**  
ICS 205A-CG

McLane	Tom	Plains	(832) 584-3314
McMichael	Rick	Plains	(713) 254-5385
McMorran	Robert	US Fish & Wildlife	(951) 532-5904
McVay	Brad	SB Co Sheriff	(805) 617-5735
Meer	Dan	US EPA	(415) 971-6792
Mello	Joe	Ca Fish & Wildlife	(209) 595-5504
Mendoza	Nannette	COCC	(805) 325-1947
Mendoza	Andrew	SYCM	(805) 451-0513
Merrick	Dustin	Applied Earthworks	(805) 458-8714
Messer	Ishmael	Ca OES	(805) 358-1123
Michel	Jacqueline	NOAA	(803) 513-5650
Mikes	Tina	OMI	(832) 347-0071
Milbury	Jim	NOAA	(310) 245-7114
Millard	Hollis	C-K Associates	(281) 684-3433
Miller	Pat	SB Co	(619) 203-3008
Millner	Christine	CTEH	(501) 258-0915
Milton	Brian	EPA START	(510) 332-4439
Miranda	Belinda	SYCM	(805) 325-1321
Mitchell	Fred	Ponder	(707) 301-1823
Miyasato	Mona	SB Co CEO	
Mizota	Louise	LK Mizota & Assoc	(805) 252-6427
Mizuba	Michelle	CERT	(310) 429-8524
Mobley	Chris	NOAA	(805) 259-6540
Modugno	Andrew	Stantec	(805) 422-1450
Moe	Sean	Ca Fish & Wildlife	(619) 322-3989
Mogharabi	Nahal	US EPA	(213) 514-4361
Mohos	Joseph	NRDA	(818) 601-3024
Monahan	Eileen	SB Co	(805) 451-8720
Mooney	Dan	OSHA	(925) 202-7485
Moore	Andrea	OSPR	
Moore	Kelly	SB Co Sheriff	(805) 689-9629
Morello	Paul	BCM	(805) 743-1805
Morello	Eddie	BCM	(805) 291-2342
Morello	Patricia	BCM	(805) 617-9891
Morello	Nikki	BCM	(805) 734-7926
Morello Jr.	Eddie	BCM	(805) 291-1263
Morey	Mark	US DOE	(805) 698-8244
Morris	Brett	Ca State AG	(510) 725-2052
Morrisette	Eric	US Fish & Wildlife	(760) 271-5443
Mosley	David	Coast Guard	(206) 819-9154
Mosley	Dave	Patriot Environmental	(661) 340-7177
Mostellar	Sally	CTH	(251) 402-2630

**1. Incident Name**  
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**2. Operational Period (Date/Time)**  
As of: 0529 1630 hrs

**COMMUNICATIONS LIST**  
ICS 205A-CG

Moynard	Patrick	VCOS	(805) 797-3623
Muftah	Osama	SB Co	(805) 568-2543
Muniz	Yaneris	SB Co	(805) 335-0083
Munns	Ann	Applied Earthworks	(805) 451-5825
Munoz Pena	Joel	OC&C	(562) 824-6151
Murphy	Cindy	OSPR	(916) 616-4515
Murphy	Don	WOB	(516) 996-7348
Murray	Matt	SB Co	(805) 452-3802
Murray	Ken	SB Co FD	(805) 896-6411
Muskat	Judd	OSPR	(916) 216-1301
Myers	Christopher	EPA START	(720) 837-0690
Myers	Douglas	Plains	(917) 750-1464
Navarro	Christina	Applied Earthworks	(661) 487-7277
Navarro	Ray	SB Co FD	(805) 896-6403
Navarro	James	SYCM	(805) 636-4949
Nelson	Jack	ACTI	(714) 869-4534
Nepote	John-Paul	Plains	(925) 765-3177
Newcomb	Michelle	Applied Earthworks	(805) 757-8820
Newkirk	Andy	City of Goleta	(603) 969-1482
Newquist	Lori	Ca OES	(916) 508-5648
Nguyen	Nghia	Ca Volunteers	(916) 254-9884
Nguyen	Chinh	Plains	(832) 387-8776
Nguyen	Phillip	US DOT	(909) 615-0792
Nicchitta	Andrew	Padre	(626) 818-2421
Nichols	Keith	C-K Associates	(225) 252-6526
Nisich	Terri	SB Co	(805) 450-8296
Nocerino	Eric	Applied Earthworks	(720) 883-6507
Nocker	Nicolas	SB Co	(805) 637-1970
Norris	Wyn	OMI	(281) 795-5767
Norris	Anastasia	OSPR	(310) 310-9917
Nosbaum	Mike	WOB	(707) 601-6892
O'Leary	Mariana	Coast Guard	(757) 567-8731
Oaks	Steve	SB Co FD	(805) 451-6801
O'Gorman	Mary	SB Co Supervisor	(805) 568-2191
O'Grady	Shawn	SB Co Sheriff	(805) 331-8442
O'Leary	Tim	WOB	(281) 352-7740
Olmstead	Brian	SB Co Sheriff	(805) 452-7756
Olson	Mark	Plains	(281) 435-4957
Orr	Howard	SB Co FD	(805) 794-5102
Orr	Jason	SB Co FD	(661) 305-2630
Ortega	Marcos	Ca State Parks	(805) 331-4144
Osborne	Bob	Plains	(661) 979-7003

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**1. Incident Name**  
Refugio Incident

**2. Operational Period (Date/Time)**  
As of: 0529 1630 hrs

**COMMUNICATIONS LIST**  
ICS 205A-CG

Osterlund	Steve	WGR	(310) 628-1096
Ostrowski	Henry	NOAA	(805) 387-0905
Palmer	Darren	Plains	(661) 978-4915
Panasiuk	James	CTEH	(501) 952-3972
Pantoja	Mark	EPA START	(415) 238-7763
Parker	Jim	ISS	(903) 520-8773
Passalacqua	David	Ponder	(707) 303-4328
Patterson	Donald	SB OEM	(805) 696-1191
Pavel	Kai	Stantec	(805) 648-1499
Pawson	Kevin	Clean Harbors	(310) 413-1829
Peak	Jessica	SB Co	(805) 234-2337
Pelato	Nelson	CHF	(805) 693-9320
Peljhan	Marko	BRI	(805) 705-1385
Peltier	Guy	Plains	(281) 217-0012
Perez	Vince	Coast Guard	(843) 209-0046
Perez	Rick	COCC	(805) 207-7162
Perez	Peuyoko	COCC	(805) 231-0229
Perez Jr	Rick	COCC	(805) 444-9354
Permut	Melissa	Veg-land Inc	(714) 356-0571
Peterson	Robert	Applied Earthworks	(805) 588-2364
Phillips	Jeff	US Fish & Wildlife	(415) 652-6502
Pina	Marushka	WOB	
Plastino	Rob	SB Co Sheriff	(805) 896-2394
Plaza	Matt	Ca Fish & Wildlife	(831) 601-3604
Poch	Ben	ISS	(318) 218-6888
Poley	Jason	SB Co	(805) 896-1534
Polos	Marguerite	SB City	(805) 689-8985
Ponder	Jim	Ponder	(707) 333-6260
Pope	Allison	Coast Guard	(785) 766-1098
Posekian	Keith	Stantec	(805) 338-5650
Potstada	Sandi	OSPR	(916) 202-6478
Poulter	Simon	Stantec	(805) 701-1581
Pritchett	Daniel	SB Co FD	(805) 680-7512
Pryor	Rachel	NOAA	(206) 379-2454
Puckett	Tony	Plains	(713) 306-3298
Putih	Zubir	CERT	(818) 618-6818
Quarterman	Vossey	Worley	(985) 237-9277
Quinones	Joseph	BCM	(805) 259-8926
Quinones	Ray	BCM	(805) 667-9666
Race	Steve	Plains	(818) 400-9802
Race	Mike	Plains	(818) 631-8094
Radcliff	Keith	ISS	(903) 721-5030

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**1. Incident Name**  
Refugio Incident

**2. Operational Period (Date/Time)**  
As of: 0529 1630 hrs

**COMMUNICATIONS LIST**  
ICS 205A-CG

Randall	Kathy	Plains	(805) 657-6764
Rangel	Alonzo	COCC	(805) 861-3373
Rasmussen	Jan	SB Co Exec Office	(707) 342-0937
Reese	Michael	NRC	(516) 982-5752
Reilly	David	NOAA	(562) 254-1055
Reitherman	Bruce	SB Co Energy	(805) 959-4680
Rendon	Jason	Coast Guard	(808) 628-0062
Rendon	Ruben	Plains	(562) 843-3560
Renick	Greg	Ca OES	(562) 577-8503
Retallack	Alexia	OSPR	(916) 952-3317
Reyes	Jason	Aerotek	(310) 663-3775
Reyes	Adam	OSPR	(916) 869-5116
Reyes-Martin	Luz	City of Goleta	(714) 501-7158
Rhodes	Dale	CTEH	(360) 595-7718
Riedel	Jim	NRC	(206) 550-0648
Rivera	Marvin	COCC	(805) 588-5381
Rivera	Julio	Plains	(713) 449-1536
Roberts	Mia	OSPR	(661) 361-6256
Roberts	StephAnnie	Stantec	(805) 427-4873
Robinson	Tiana	Stantec	(519) 505-3438
Robles	Armando	Plains	(713) 376-6290
Rockabrand	Ryan	SB OEM	(805) 330-5080
Rodriguez	J.Rudy	Plains	(562) 833-6684
Rodriguez	Sal	Plains	(925) 349-8269
Rogers	Richard	Ca Fish & Game Comm	(805) 455-2944
Rogow	Michelle	US EPA	(415) 595-8347
Romero	Amado	Applied Earthworks	(805) 680-6949
Romero	Gilbert	CHF	(805) 325-3043
Romero	Nicole	SYCM	(805) 451-7939
Romero	Freddie	SYCM	(805) 688-7997
Rommel	Brian	Plains	(832) 248-8771
Romo	Ben	SB Co	(805) 680-7623
Root	Roger	US Fish & Wildlife	(805) 701-5754
Root	Mary	US Fish & Wildlife	(805) 646-4748
Rosenberg	Dennis	Ca Fish & Wildlife	(805) 814-4183
Rubio	Helen	SYCM	(760) 484-0392
Rubio	Orin	SYCM	(559) 920-5942
Ruder	Mark	Plains	(661) 910-4105
Rudley	Mike	Patriot Environmental	(562) 244-2270
Rugaard	Karen	Plains	(281) 216-8347
Ruiz	Esther	COCC	(805) 965-8983
Ruiz	John	COCC	(805) 965-8983



**1. Incident Name**  
Refugio Incident

**2. Operational Period (Date/Time)**  
As of: 0529 1630 hrs

**COMMUNICATIONS LIST**  
**ICS 205A-CG**

Russell	Evan	Coast Guard	(251) 635-2235
Ryman	Dana	CTEH	(409) 692-0387
Saavedra	Ashley	Plains	(510) 260-9092
Saba	Noor	Stantec	(661) 578-3779
Sandoval	Samantha	BCM	(916) 678-2022
Sanford	Gary	Plains	(713) 534-7150
Santacana	Cesar	Coast Guard	(805) 896-6788
Santonil	Malinda	OSPR	(562) 499-9699
Santoyo	Cele	SB Co	(805) 896-2918
Santy	Jenna	Applied Earthworks	(858) 774-6956
Sawant	Anuya	Stantec	(805) 341-9514
Scherer	Nora	Stantec	(651) 491-1565
Scherz	Andrew	CTEH	(501) 258-7077
Schommer	Mike	OSPR	(707) 416-1141
Schooler	Nick	OSPR	(805) 570-4850
Schulte	Todd	Plains	(307) 797-3379
Schwarz	Shawn	Plains	(562) 519-9894
Scotka	Danelle	Plains	(281) 513-1787
Scouten	Jennifer	CERT	(804) 944-2128
Scranton	Tom	Patriot Environmental	(702) 501-7020
Scranton	Alex	Patriot Environmental	(818) 442-2890
Selby	Chase	CTEH	(501) 515-2774
Senner	Bill	Plains	(562) 221-8211
Servidio	Joe	Coast Guard	
Settle	Ashley	Plains	(904) 629-0805
Shadkamyam	Amy	UC SB	(805) 448-2189
Shafer	Allen	Plains	(307) 259-1289
Sharber	Dustin	Stantec	(949) 351-0800
Sharber	Dakota	Stantec	(714) 717-4828
Sheaff	Jessica	SB Co	(805) 406-0116
Shestag	Carol	Stantec	(805) 509-0377
Shiraishi	David	OSHA	(510) 410-9414
Shive	Brian	Plains	(832) 341-4718
Shorr	Ben	NOAA	(206) 280-5336
Shuman	Craig	Ca Fish & Wildlife	(916) 215-9694
Siegmund	Karl	Coast Guard	(909) 477-7652
Siemann	Taylor	Patriot Environmental	(805) 679-3297
Simmons	Matt	Clean Seas	(954) 232-2968
Simmons	David	US Fish & Wildlife	(805) 665-8029
Sironen	Heather	OSPR	(916) 730-9992
Skelton	Scott	CTEH	(501) 952-9621
Slayman	Jennifer	SB Co	(805) 680-3507

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**1. Incident Name**  
Refugio Incident

**2. Operational Period (Date/Time)**  
As of: 0529 1630 hrs

**COMMUNICATIONS LIST**  
ICS 205A-CG

Sleeper	Preston	WOB	(503) 686-3158
Smith	Larry	Clean Seas	(805) 233-0875
Smith	James	Coast Guard	(251) 644-1785
Smith	Lincoln	NOAA	(307) 220-3616
Smith	Stacie	NOAA	(805) 570-5166
Smith	Nicki	OSPR	(916) 849-0518
Smith	Phil	Plains	(713) 851-1765
Sobieski	Dan	WOB	(714) 342-6358
Sodusta	Jaime	SB Co	(805) 705-1341
Spratt	Ashley	US Fish & Wildlife	(573) 356-5593
Springs	Damien	WGRSW	(818) 524-0424
Spurlin	Sharon	Plains	(281) 455-2084
Stackhouse	Mike	Plains	(281) 684-7985
Standley	William	US Fish & Wildlife	(805) 644-1766
Stanley	Lindsey	Ca OES	(805) 452-0070
Stanton	Beckye	CA Fish & Wildlife	(916) 216-6299
Stewart	Loumania	Coast Guard	(801) 603-6980
Stewart	Joe	OSPR	(916) 205-8661
Stornetta	Anthony	SB Co FD	(805) 423-6406
Storrer	John	SB Co Energy	(805) 689-5982
Stout	Jordan	NOAA	(206) 321-3320
Strack	Zaxh	Coast Guard	(608) 432-1600
Strojek	Bob	CERT	(805) 705-5763
Stultz	Dale	OSPR	(530) 768-4767
Su	Wendy	US EPA	(415) 947-4554
Sugarman	Susan	Ca Fish & Wildlife	(916) 215-8284
Sullivan	Laurie	NOAA	(707) 320-7232
Summerfield	Scott	SB Co	(510) 714-4470
Swartz	Sam	COCC	(805) 806-0348
Syre	Chris	Ca Fish & Wildlife	(562) 522-2950
Tai	Suu-Va	Ca Volunteers	(414) 425-1514
Tapawan	Lexter	NOAA	(206) 934-0357
Taylor	Rick	Plains	(562) 577-7007
Taylor	Rob	Plains	(918) 285-1170
Taylor	Sharon	Ponder	(707) 718-6580
Tejada	Barbara	CSP	(661) 435-3372
Thixton	Chris	Ca Fish & Wildlife	(562) 233-7095
Thom	Bryan	NOAA	(410) 937-7403
Thompson	Eric	NOAA	(805) 910-9707
Thornton	Carl	SB Co	(805) 207-3653
Todd	Ryan	Ca Fish & Wildlife	(916) 698-0036
Toney	Jeff	Ca OES	(562) 810-8419

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**1. Incident Name**  
Refugio Incident

**2. Operational Period (Date/Time)**  
As of: 0529 1630 hrs

**COMMUNICATIONS LIST**  
ICS 205A-CG

Toney	Joe	SB Co Exec Office	(509) 251-8393
Topliffe	Carrie	SB Co	(805) 570-6970
Torres	Sonia	OSPR	(562) 370-6794
Touth	Jane	US Dept Interior	(805) 320-3170
Trevino	Linda	BCM	(805) 264-0542
Trevino	Angel	BCM	(805) 319-6228
Troy	Bob	SB OEM	(805) 883-8036
Tryon	Thea	CCWB	(805) 542-4776
Turner	Adam	Plains	(661) 910-8729
Turner	Keith	Plains	(562) 216-3281
Unzueta	Gil	Applied Earthworks	(805) 807-7179
Unzueta	Clint	SYCM	(805) 350-8996
Unzueta	Chris	SYCM	(805) 325-3207
Uslan	Jeff	Flamesniffer	(805) 498-3568
Valentine	David	UC SB	(805) 729-5431
Valenzuela	Noe	OC&C	(562) 234-6584
Valenzuela	Troy	Plains	(713) 444-6984
Vassallo	Amy	Coast Guard	(949) 510-7857
Velazquez	Brandon	Coast Guard	(954) 803-2411
Velez	Loryann	BCM	(805) 252-1612
Venkat	Manjunath	Stantec	(805) 358-9479
Vetters	Josh	WOB	(979) 665-6355
Victoria	Jon	Ca Fish & Wildlife	(310) 413-6533
Viezicke	Justin	NOAA	(562) 506-4315
Viola	Sloane	OSPR	(415) 497-1950
Vollbrecht	Kevin	NOAA	(818) 929-5416
Voss	James	NRVP	(909) 648-6313
Wada	Takashi	SB Co Health Dept	(805) 319-0474
Wageneck	Lael	SB Co	(805) 636-9204
Wagner	Nancy	Ca Fish & Wildlife	(831) 419-1459
Waldon	Maggie	US EPA	(415) 940-1109
Waters	Kris	NOAA	(805) 791-7876
Watkinson	Anastasia	WOB	(985) 956-1300
Watson	Kyle	Global Diving	(206) 963-8138
Weaver	Charles	Clean Harbors	(231) 384-1347
Weaver	Jennifer	NOAA	(386) 341-6917
Weaver	Bryan	SB Co FD	(805) 896-6338
Weber	Michael	Stantec	(805) 477-8580
Weigand	Jim	USDI BLM	(916) 716-4809
Welch	Billy	Plains	(432) 413-9391
Wells	Anne	City of Goleta	(805) 637-4397
Westervelt	Jeff	OSPR	(916) 212-1367

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1. Incident Name  
Refugio Incident

2. Operational Period (Date/Time)  
As of: 0529 1630 hrs

COMMUNICATIONS LIST  
ICS 205A-CG

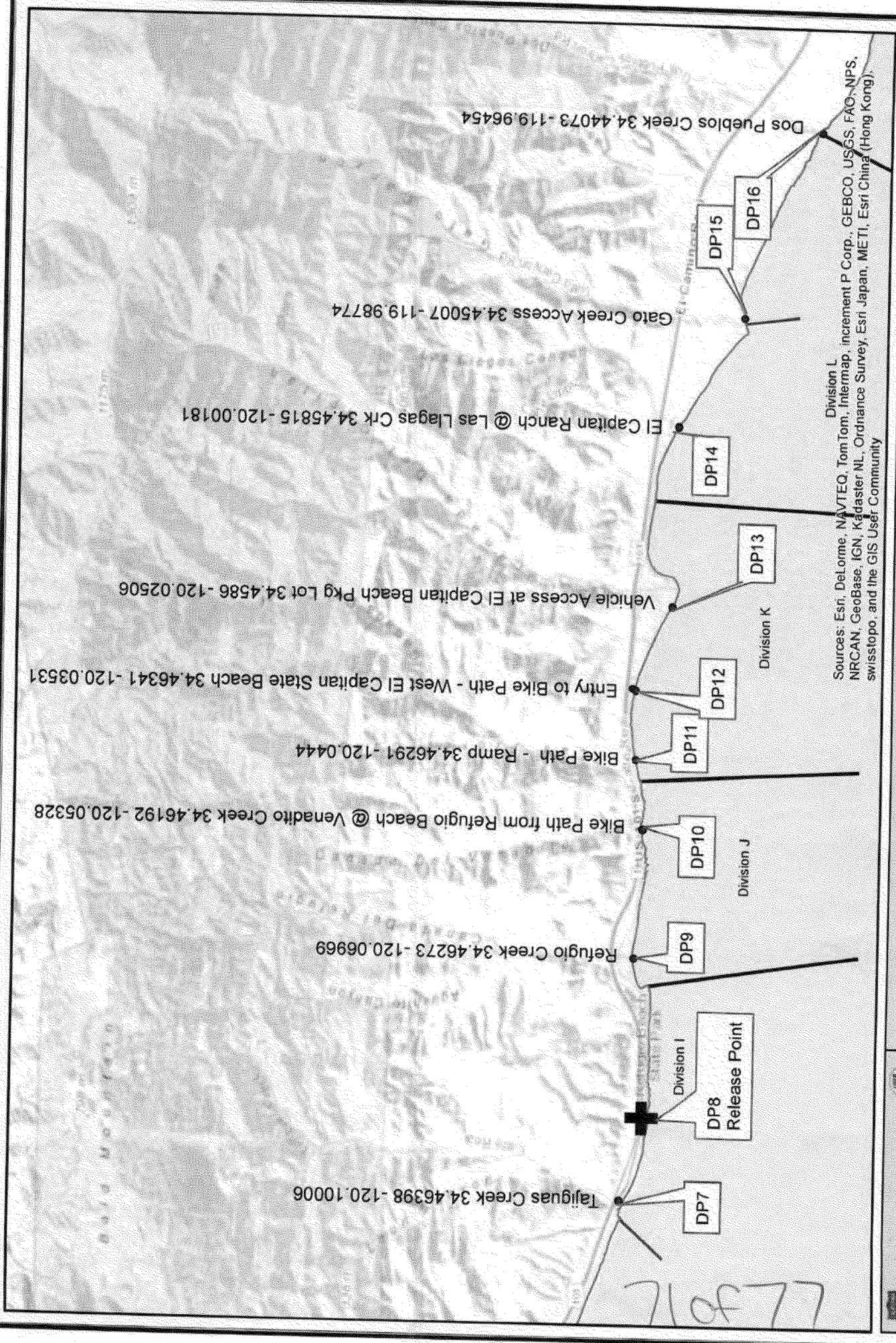
White	Chris	ISS	(903) 721-9681
White	Jennifer	NOAA	(985) 634-9912
White	Cassandra	OSPR	(916) 508-2641
White	Greg	OSPR	(805) 458-1879
Whitebear	Sean	COCC	(805) 472-2489
Whitlock	Janet	US Fish & Wildlife	(916) 769-3918
Wiggins	Chris	NOAA	(404) 392-6710

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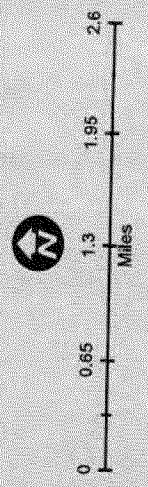
<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period 10 (Date / Time)</b> From: 05/30/2015 0600 To: 05/31/2015 0559		<b>MEDICAL PLAN</b> ICS 206-CG		
<b>3. Medical Aid Stations</b>						
Name	Location	Contact #	Transport Availability			
American Medical Response Paramedic/EMT team	Refugio Staging 193 Refugio Road Goleta, CA 93117	Mike Rhodes 805-588-1751	Yes			
Santa Barbara County Fire Rescue	Incident Command Center	805-896-6333	No			
<b>4. Transportation</b>						
Ambulance Service	Address	Contact #	Care Capability			
American Medical Response	240 East Hwy 246 Buellton, CA 93117	805-245-3424 Need Medic Phone	Paramedic/EMT team			
CALSTAR 7 (air medical transport team)	3996 Mitchell Road Santa Monica, CA 93455	805-938-9038	Advanced Practice, 2 Nurse team			
Santa Barbara County Air Support (air medical transport team with hoist capabilities)	906 Airport Road Santa Ynez, CA 93460	805-692-5723	2 Paramedic team			
Santa Barbara County Fire Rescue, and dispatch center	4408 Cathedral Oaks Road Santa Barbra	805-692-5723	Paramedic			
<b>5. Hospitals</b>						
Hospital Name	Address	Contact #	Travel Time		Burn Center	Helipad
			Air	Ground		
Goleta Valley Cottage Hospital	251 South Patterson Ave, Santa Barbara, CA 93111	805-967-3411	N/A	20/min		No
Grossman Burn Center	7300 Medical Center Drive West Hills CA	818-676-4177	20 min	1.25 hours	Yes	Yes
Santa Barbara Cottage Hospital	400 West Pueblo Street Santa Barbara, CA 93105	805-682-7111	8 min	27 min	No	Yes
<b>6. Special Medical Emergency Procedures</b>						
<ol style="list-style-type: none"> <li>1. Life threatening emergencies call paramedic onsite in staging area 805-588-1751 or 911, notify direct supervisor ASAP. Direct line to Santa Barbara County dispatch center 805-692-5723</li> <li>2. Non-life/limb threatening illness or injury: notify direct supervisor and follow "medical reporting procedures" and render first aid</li> <li>3. If an ambulance is requested to transport an illness or injury in the field; have them report to nearest drop point location, indicated on the attached map and send a designee to the road to guide medical services to emergency location</li> <li>4. All illnesses and injuries will be reported as established in "medical reporting procedures" and to Randy Fordham, Plains Safety Officer 661-332-9164</li> <li>5. All complaints of illness and injury will require an incident reporting record</li> <li>6.</li> </ol>						
Essential reporting information for EMS provider						
<ol style="list-style-type: none"> <li>1. Nature of injury</li> <li>2. Location of patient and point of contact</li> <li>3. Point of contact</li> <li>4. Age and gender of patient</li> </ol>						
<b>7. Prepared by: (Medical Unit Leader)</b> Sally Mostellar RN/Josh Cazier EMTP		<b>Date/Time</b> 05/29/2015		<b>8. Reviewed by: (Safety Officer)</b> <i>[Signature]</i>		<b>Date/Time</b> 5-29-15
<b>MEDICAL PLAN</b>				ICS 206-CG (Rev.07/04)		

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## Medical Access Drop Point Locations





ATTENTION: All passengers should arrive 30 minutes prior to departure to maintain flight schedule.

ICS 220 AIR OPERATIONS		REFUGIO INCIDENT	OPS PERIOD: 10 From MAY 30, 2015 0600 To <del>MAY 31</del> 2015 0600 <i>June 01</i>
AIRPORT: Signature Flight Support 515 Marxmiller Pl, Goleta, CA			
Air Communications: 123.02 MHz, Marine VHF Channels 10 & 16		Air Operations Branch Director Kyle Jellison (954) 218-4935	

Last Updated: 05/29 1154

<b>Temporary Flight Restriction (TFR) 5/5914</b> <b>EXTENDED TO JUNE 6, 2015</b>  <b>Airspace Definition:</b> On the GAVIOTA VORTAC (GVO) 146 degree radial at 4.4 nautical miles. (Latitude: 34°27'43"N, Longitude: 120°03'50"W) 5 nautical mile radius From surface up to and including 1,000 feet MSL.		<b>Bell 206L "85T"</b> <b>Tactical Guidance Helicopter</b>  0630 <ul style="list-style-type: none"> <li>Amy McFaden – NOAA</li> <li>Jeff Lankford – NOAA</li> <li>Mark Wrobel – OPS Tactical Guidance</li> </ul> 1000 <ul style="list-style-type: none"> <li>Mark Wrobel – OPS Tactical Guidance</li> <li>??? – NOAA Wildlife</li> </ul> 1430 <ul style="list-style-type: none"> <li>Mark Wrobel – OPS Tactical Guidance</li> </ul>		<b>Bell 407 "7AC"</b> <b>VIP/Special Purpose</b>  0800 <ul style="list-style-type: none"> <li>Jason Guzman - OPS</li> <li>Mike Schommer – CA OSPR</li> <li>OPS</li> </ul> 1000 <ul style="list-style-type: none"> <li>VIP</li> </ul> 1200 <ul style="list-style-type: none"> <li>VIP</li> </ul> 1500 <ul style="list-style-type: none"> <li>VIP</li> </ul> 1700 <ul style="list-style-type: none"> <li>VIP</li> </ul>	
<b>SNOWEY PLOVER HABITAT FLIGHT RESTRICTION</b>  Air traffic is to remain 500 feet above OR a half (1/2) mile away from Snowey Plover Habitat in the vicinity of Coal Oil Point.  Any complaints or concerns about air operations affecting wildlife should be routed to Jeff Phillips of USFWS 415-652-6502 within Planning/EUL  <b>OTHER AIRSPACE TRAFFIC</b>  KCSI will be passing through the TFR between 1000 and 1100 at 500 ft to observe Plains All American pipeline. Cessna 182 tailnumber "N75QH" will check in and out with response helicopters.		<b>LUNCH BREAK</b>		<b>LUNCH BREAK</b>	

NOTE: Pilots have rental car at airport for errands, lunch break, etc.

<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From 05/30/2015 07:00 To 06/01/2015 06:59		<b>Operational Period</b> Ops Period 10	<b>DAILY MEETING</b> <b>SCHEDULE ICS 230-CG</b>
<b>3. Meeting Schedule(Commonly-held meetings are included)</b>					
<b>Date/Time</b>	<b>Meeting Name</b>	<b>Purpose</b>	<b>Attendees</b>	<b>Location</b>	
05/30/2015 06:30	Operations Briefing	Present IAP and assignments to the Supervisors/Leaders for the next Operational Period	IC/UC, Command & General Staff, Branch Directors, DOV/GRP Supv, Task Force/Strike Team Leaders and Unit Leaders	Refugio State Beach	
05/30/2015 07:45	Unified Command Objectives Meeting	Review identify objectives for the next operational period	Unified Command Members	Conference Room #115, SBC EOC	
05/30/2015 09:30	Command and General Staff Meeting	IC/UC gives direction to Command & General Staff including incident objectives and priorities	IC/UC, Command General Staff	Conference Room #115, SBC EOC	
05/30/2015 11:00	Open House - Community	Conduct a community open house from 11:00 AM until 2:00 PM.	Invitees	Elks Lodge Goleta	
05/30/2015 18:00	Command and General Staff Briefing	Brief Command and General Staff on the day's activities.	UC, Command Staff and General Staff	SBCOEM EOC Conference Room #115	
05/31/2015 06:30	Operations Briefing	Present IAP and assignments to Field Supervisors	Operations Section		
05/31/2015 07:45	Unified Command Briefing	Brief Unified Command	Unified Command, Command Staff, SOFR, SITL	Goleta Command Post	
05/31/2015 12:30	Preparing for the Tactics Meeting	Prepare for the upcoming tactics meeting. Review the ICS 234, ICS 215 and ICS 215a as appropriate	PSC, OSC, LSC, FSC	Goleta Command Post	
05/31/2015 14:00	Preparing for the Press Conference	Prepare the Unified Command for the 1400 hours Press conference.	Unified Command and PIO	Goleta Command Post	
05/31/2015 14:00	Tactics Meeting	Develop/Review primary and alternate strategies to meet Incident Objectives for the next operational period.	PSC, OSC, LSC, FSC, RUL, SUL, SOFR, DOCL, COML and THSP	Goleta Command Post	
05/31/2015 15:00	Press Conference	Brief media and other stakeholders on the response status	IC/UC, PIO	Goleta Command Post	
05/31/2015 15:00	Preparing for the Planning Meeting	The Planning Section Chief facilitates the preparation of documents for the Planning meeting.	Command and General Staff	Goleta Command Post	
05/31/2015 17:30	Planning Meeting	Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period.	IC/UC, Command & General Staff	Goleta Command Post	
05/31/2015 18:00	SCAT Briefing	Brief the Unified Command on SCAT activities	Unified Command	Goleta Command Post	
05/31/2015 19:00	IAP Approval	Present the IAP to the Unified Command for approval.	IC/UC, PSC	Goleta Command Post	
<b>4. Prepared by (Situation Unit Leader)</b> Steve Browne					
				<b>Date / Time</b> 05/29/2015 12:09	
<b>DAILY MEETING SCHEDULE</b>					
05/29/2015 18:35					
ICS 230-CG (Rev 07/08)					

Do not implement Protection Strategy

1. Incident Name Refugio Beach		2. Operational Period (Date/Time) From: 5/30/15; 6:00 To: 5/31/15; 6:00		RESOURCES AT RISK SUMMARY Division VT-D ICS 232-OS	
3. Environmentally-Sensitive Areas and Wildlife Issues					
Site #	Priority	Site Name and/or Physical Location	Site Issues		
4-743	B	San Buena Ventura State Beach	<ul style="list-style-type: none"> <li>• Spring and Summer for grunion spawning and for Western snowy plovers; All year for Pismo clams, shorebirds and seabirds, invertebrates in the rip-rap groins.</li> <li>• Shorebirds and Seabirds including Brown pelicans (Feb-Nov) and Western snowy plovers (year round). Pismo clams (Jun-Sep) on sand beaches; various invertebrates associated with rip-rap groins. California grunion (Apr-Aug), Surfperch.</li> </ul>		
<p><b>Narrative</b></p> <p><b>DO NOT IMPLEMENT SHORELINE PRE-CLEANING.</b></p> <p>This ~ 6.6 mile long division begins at the south jetty of Ventura Harbor and extends SSE to and including the south jetty of Channel Islands Harbor. This Division is under several different ownerships and includes Spinnaker Dr., along the Ventura Harbor; the mouth and estuary of the Santa Clara River; McGrath State Beach and Lake; and the Reliant Energy Power Plant. This division also includes 2.9 miles of beachfront residences from 5th St in Oxnard to the entrance to Channel Islands Harbor. A fine-grained sand beach covers 100% of this Division. The SCR estuary, upper beach and coastal dunes provide habitat for T/E species and should not be disturbed w/o express permission from authorized trustee biologist.</p> <p><b>T&amp;E Species Concerns:</b> Western Snowy Plover, Least Terns.</p> <p>A. Water Contamination - Unhealthy levels of coliform bacteria have been found intermittently in streams and on beaches in this area. Check with the County of Ventura, Ocean Monitoring Hotline, 805-662-6555, regarding health conditions prior to engaging in any activities which would require direct water contact. Use appropriate PPE, safety procedures, and include reference to potential health problems in any site safety plan.</p>					
Site #	Priority	Site Name and/or Physical Location	Site Issues		
4-743	B	San Buena Ventura State Park	No ATEH ISSUES. Check with County CHUMASH MONITOR REQUIRED		
<p><b>Narrative</b></p> <p>Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474. South Central Coast archeological information center (651) 278-5395.</p>					
5. Prepared by: (Environmental Unit Leader)			Date/Time		
RESOURCES AT RISK SUMMARY		June 2000		ICS 232-OS	

Electronic version: NOAA 1.0 June 1, 2000

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Do Not implement Protection Strategy

1. Incident Name Refugio Beach		2. Operational Period (Date/Time) From: 5/30/15; 6:00 To: 5/31/15; 6:00		RESOURCES AT RISK SUMMARY Division VT-E ICS 232-OS	
3. Environmentally-Sensitive Areas and Wildlife Issues					
Site #	Priority	Site Name and/or Physical Location	Site Issues		
4-761	A	McGrath State Beach & McGrath Lake	<ul style="list-style-type: none"> <li>Spring and Summer for Least Terns and Snowy Plovers Nesting in Beach Sands. All Year for Possibility of Pismo Clams. Seabirds and Shorebirds including Least Terns and Snowy Plovers Pismo Clams (Possibly).</li> </ul>		
4-769	B	Hollywood Beach	<ul style="list-style-type: none"> <li>Spring and summer for grunion spawning along the beach. Least Terns and Snowy Plovers.</li> <li>Grunion spawning on the sand beach during night time runs in spring and summer (consult local tide book for dates and times of predicted grunion runs).</li> </ul>		
<b>Narrative</b> <b>DO NOT IMPLEMENT SHORELINE PRE-CLEANING.</b> This ~ 6.6 mile long division begins at the south jetty of Ventura Harbor and extends SSE to and including the south jetty of Channel Islands Harbor. This Division is under several different ownerships and includes Spinnaker Dr., along the Ventura Harbor; the mouth and estuary of the Santa Clara River; McGrath State Beach and Lake; and the Reliant Energy Power Plant. This division also includes 2.9 miles of beachfront residences from 5th St in Oxnard to the entrance to Channel Islands Harbor. A finegrained sand beach covers 100% of this Division. The SCR estuary, upper beach and coastal dunes provide habitat for T/E species and should not be disturbed w/o express permission from authorized trustee biologist. <b>T&amp;E Species Concerns:</b> Steel Head, Tidewater Goby, Least Terns, Western Snowy Plover. A. Water Contamination - Unhealthy levels of coliform bacteria have been found intermittently in streams and on beaches in this area. Check with the County of Ventura, Ocean Monitoring Hotline, 805-662-6555, regarding health conditions prior to engaging in any activities which would require direct water contact. Use appropriate PPE, safety procedures, and include reference to potential health problems in any site safety plan.					
4. Archaeo-cultural and Socio-economic Issues					
Site #	Priority	Site Name and/or Physical Location	Site Issues		
1		Kondaloy PowerPlant	Water intake		
4761	A	McGrath St. Beach & Lake	No Arch concerns. Check with Chumash		
4-769	B	Hollywood Beach	Arch monitor required. Check with Chumash		
"	"	"	Chumash monitor required.		
<b>Narrative</b> Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474. South Central Coast Archeological Information Center (657) 278-5395.					
5. Prepared by: (Environmental Unit Leader)			Date/Time		
RESOURCES AT RISK SUMMARY		June 2000		ICS 232-OS	

Electronic version: NOAA 1.0 June 1, 2000

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**1. Incident Name**

Refugio Incident

**2. Operational Period to be covered by IAP (Date/Time)**

From 05/30/2015 07:00

To 06/01/2015 06:59

**ACP SITE INDEX**

ICS 232a-CG

**3. Index to ACP/GRP sites shown on Situation Map**

Site	Priority	Site Name and/or Physical location	Action	Status
4-601	A	Gaviota Creek	400 ft of primary and secondary boom. Set stakes to anchor boom.	400 ft of primary and secondary boom. Set stakes to anchor boom.
4-605	C	Canada Del Alcatraz & Cementario Creeks	Pre-impact debris removal	Pre-impact debris removal
4-607	A	Arroyo Hondo Preserve and Creek	100 ft of swamp boom. 100 ft of sorbant boom. Secured with stakes.	100 ft of swamp boom. 100 ft of sorbant boom. Secured with stakes.
4-610	A	Refugio Creek (spill site, boomed)	400 ft of hard boom. 400 ft of absorbant boom. Staked per site strategy.	400 ft of hard boom. 400 ft of absorbant boom. Staked per site strategy.
4-613	A	Corral-Las Flores Creeks	Pre-impact debris removal.	Pre-impact debris removal.
4-615	A	El Capitan Creek	40 ft of swamp boom. 40 ft of sorbant boom. Secured by stakes.	40 ft of swamp boom. 40 ft of sorbant boom. Secured by stakes.
4-620	A	Las Llagas	200 ft of absorbant boom. 200 ft of hard boom. Staked per site strategy.	200 ft of absorbant boom. 200 ft of hard boom. Staked per site strategy.
4-625	B	Naples	Pre-impact debris removal	Pre-impact debris removal
4-630	A	Eagle Canyon Creek	Pre-impact debris removal. 100 ft of absorbant boom. 100 ft of hard boom.	Pre-impact debris removal. 100 ft of absorbant boom. 100 ft of hard boom.
4-635	A	Tecolote Creek	400 ft of hard boom. 400 ft of absorbant boom. Staked per site strategy.	400 ft of hard boom. 400 ft of absorbant boom. Staked per site strategy.
4-640	A	Bell Canyon Creek	400 ft of hard boom. 400 ft of absorbant boom. Staked per site strategy. Additional boom was need	400 ft of hard boom. 400 ft of absorbant boom. Staked per site strategy. Additional boom was need
4-645	A	Devereaux Slough	Decision was made not to deploy boom due to Plovers. High natural berm confirmed.	Decision was made not to deploy boom due to Plovers. High natural berm confirmed.
		Tajiguas Creek	200 ft of hard boom. 200 ft of absorbant boom.	200 ft of hard boom. 200 ft of absorbant boom.
4-655	A	Golete Slough	2,000 ft of hard boom. 2,000 ft of absorbant boom.	2,000 ft of hard boom. 2,000 ft of absorbant boom.
4-660	A	Arroyo Burro Creek	300 ft of hard boom. 200 ft of hard boom.	300 ft of hard boom. 200 ft of hard boom.

Note: This form is designed to be posted next to the situation map. Use additional sheets, as needed.

**4. Prepared by**

Brendan Geraghty

**Date / Time**

05/19/2015 09:39

ACP Site Index

Page 1 of 1 - Prepared: 05/29/2015 18:36

ICS 232a-CG (Rev 07/04)

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**WEATHER FORECAST FOR SATURDAY 29 MAY 2015.**

**LOW CLOUDS AND PATCHY FOG IN THE MORNING THEN BECOMING MOSTLY SUNNY.**

**TEMPERATURE.....MAX 64-66.**

**WIND (20 FT).....VARIABLE 1 TO 3 MPH BECOMING SOUTHWEST TO WEST 3 TO 6 MPH IN THE AFTERNOON.**

**SWELL HEIGHT.....SOUTHWEST 1-2 FEET.**

**SWELL PERIOD.....13 SECONDS.**

**WIND WAVE.....FLAT EARLY...INCREASING TO 1 FOOT.**

	Fri 29May	Sat 30 May	Sun 31 May	Mon 1 Jun	Tue 2 Jun	Wed 3 Jun
Low	0156, 0.7ft	0230, 0.3ft	0304, -0.1ft	0338, -0.4ft	0413, -0.6ft	0451, 0.8ft
High	0753, 3.2ft	0827, 3.3ft	0908, 3.3ft	0948, 3.5ft	1029, 3.5ft	1111, 3.5ft
Low	1310, 1.4ft	1343, 1.5ft	1343, 1.5ft	1449, 1.6ft	1524, 1.7ft	1601, 1.8ft
High	1933, 4.9ft	2000, 5.2ft	2000, 5.2ft	2100, 5.5ft	2134, 5.6ft	2010, 5.6ft
LOW TEMP	58	58	57	59	58	57
HIGH TEMP	74	75	72	75	76	73

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<b>1. Incident Name</b>	<b>2. Operational Period (Date/Time)</b>	<b>Operational Period</b>	<b>INCIDENT BRIEFING</b>
Refugio Incident	<b>From</b> 05/30/2015 06:00 <b>To</b> 06/01/2015 05:59	Ops Period 10	ICS 202-CG
<b>3. Objective(s)</b>			
<p>Ensure the safety of response personnel and the public.</p> <p>Continue to evaluate the oil impacts</p> <p>a. At release site</p> <p>b. Between pipe and beach</p> <p>c. Beach cleanup</p> <p>d. Evaluate SCAT</p> <p>Continue to prevent migration of oil from release site to shoreline</p> <p>Continue to recover discharged oil from impacted areas, both public and private, and manage waste according to plan.</p> <p>Continue to ID and protect environmentally sensitive areas</p> <p>Continue to protect culturally sensitive areas including wildlife.</p> <p>Keep public and stakeholders informed</p> <p>Minimize economic impacts</p> <p>Repair pipeline safely</p> <p>Provide for the recovery and care of oiled wildlife.</p> <p>Differentiate incident oil from other reports of oil.</p>			
<b>4. Operational Period Command Emphasis</b> (Safety Message, Priorities, Key Decisions/Directions)			
<p>Limitations and Constraints</p> <p>Tides</p> <p>Access to beach</p> <p>Location</p> <p>Weather System</p> <p>Permitting with the county and other authorities</p> <p>Cultural Considerations</p> <p>Nesting season</p> <p>Hotel accommodations</p> <p>Protection of Critical Infrastructure</p> <p>All response related media releases require Unified Command approval</p> <p>Keep Unified Command aware of VIP request</p> <p>Immediately report any injuries, public or responders, to the Unified Command</p> <p>Priorities</p> <p>Safety</p> <p>Security - <b>Maintain Situational Awareness</b></p> <p>Wildlife impacts - Notify Unified Command</p> <p>Discharge quantities</p> <p>Recovered quantities</p> <p>Beach open</p> <p>Source control</p> <p>Protect cultural resources</p> <p>Public information dissemination</p> <p>Establish onshore solid end points - Environmental Unit</p> <p>Changes in impacted beaches require that Santa Barbara County Public Health, Dr. Wada, be notified.</p> <p>Ensure all operations are conducted in accordance with the approved plan.</p> <p>Keep the Unified Command informed of volunteer needs.</p>			
<b>INCIDENT OBJECTIVES</b>			
05/30/2015 15:55		ICS 202-CG (Rev 4/04)	

Keep the Unified Command informed on onshore cleanup activities and document the same with a visual (map).

Report archeological concerns to the Unified Command.

**Approved Site Safety Plan Located at** the SBCOEM with the Safety Officer

**Prepared by (Operations Section Chief)**

sbrowne

**Date/Time**

05/29/2015 12:09

INCIDENT OBJECTIVES

05/30/2015 15:55

ICS 202-CG (Rev 4/04)